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OAK

PHOTOGRAPHIC INTERPRETATION REPORT



MISSION 4028

14-20 MAY 1966

PART II

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OAK - PART II

MISSION 4028

PREFACE

THIS IS THE SECOND OF THREE OAK REPORTS ON MISSION 4028, AND PROVIDES INFORMATION ON THE HIGHEST PRIORITY COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY. THE REMAINDER OF THE COMOR TARGETS COVERED ON THIS PHOTOGRAPHY WILL BE REPORTED IN A SERIES OF OAK SUPPLEMENTS.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS, SUFFIXED WITH A FOR ASCENDING AND D FOR DESCENDING, ARE LISTED FIRST, FOLLOWED BY FRAMES WHICH ARE INDICATED BY THE FRAME NUMBER WITH AN INDEX NUMBER RUNNING CONSECUTIVELY FROM THE BEGINNING OF EACH PASS -- 4/8 FOR EXAMPLE, MEANS FRAME 4, INDEX 8. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE INDEX NUMBER TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMIDARKNESS), D (DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), PS (PARTIAL STEREO), OR NS (NON-STEREO).

THE INITIAL SCAN OF THE PHOTOGRAPHY IS ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE

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IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY
AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

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Highlights

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HIGHLIGHTS1. SVOBODNYY ICBM COMPLEX

TWO TYPE IIID SITES (21 AND 22) ARE NEWLY IDENTIFIED IN AN EARLY STAGE OF CONSTRUCTION.

2. DROVYANAYA ICBM COMPLEX

A TYPE IIID SITE (41) IS NEWLY IDENTIFIED NEAR THE SE CORNER OF THE TRANSFER POINT.

3. OLOVYANAYA ICBM COMPLEX

THREE TYPE IIID SITES (57H, 58H, AND 59I) ARE NEWLY IDENTIFIED IN THE MID-STAGE OF CONSTRUCTION.

NOTE -- NPIC IS NOW USING THE TARGET DATA INVENTORY (TDI) SYSTEM OF DESIGNATING DEPLOYED ICBM SITES. FOR EASE OF FAMILIARIZATION DURING THIS TRANSITION PERIOD, THE FORMER NPIC ALPHABETICAL DESIGNATOR WILL BE SHOWN IN PARENTHESIS IMMEDIATELY FOLLOWING THE NEWLY ADOPTED NUMERICAL DESIGNATORS.

4. MISSILE ACTIVITY

ACTIVITY INDICATIVE OF A MISSILE EXERCISE WAS OBSERVED AT SEVERAL MR/IRBM LAUNCH SITES. AT SHEVELEVO MRBM LAUNCH SITE, MISSILE ERECTORS AND FUEL/OXIDIZER TRAILERS ARE OBSERVED ON EACH LAUNCH POSITION AND MISSILES ON TRANSPORTERS ARE OBSERVED AT BOTH ENDS OF THE MISSILE-READY BUILDINGS. AT KIVERTSY MRBM LAUNCH SITE 2, AN ERECTED MISSILE IS OBSERVED ON EACH LAUNCH POSITION IN ADDITION TO MISSILE ERECTORS AND FUEL/OXIDIZER TRAILERS WITH PRIME MOVERS. AT GRANOV IRBM LAUNCH SITE 1, MISSILES ON TRANSPORTERS, MISSILE ERECTORS, AND FUEL/OXIDIZER TRAILERS ARE OBSERVED ON SEVERAL LAUNCH POSITIONS. AT ANASTASYEVKA MRBM LAUNCH SITE 2, A MISSILE IS ERECTED ON ONE LAUNCH POSITION AND SEVERAL POSITIONS ARE COVERED BY AN OVERHEAD NET. AT NOVA VES MRBM LAUNCH SITE, A MISSILE IS OBSERVED IN THE MOTOR POOL AND ALSO ON THE LAUNCH POSITION.

5. SARY-SHAGAN LAUNCH COMPLEX B (ZONE B)

AN UNIDENTIFIED MISSILE IS ON THE LAUNCHER AT LAUNCH PAD B-2. IT HAS AN OVERALL LENGTH OF [REDACTED] HOWEVER, NO DETAILS OF THIS

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MISSILE ARE DISCERNIBLE. AT LAUNCH POSITION B-4, A PROBABLE GALOSH MISSILE IS IN THE PASS-THROUGH ERECTOR. SHADOW ANALYSIS INDICATES THE MISSILE IS ERECTED BUT NOT IN A VERTICAL POSITION.

6. SEVERODVINSK NAVAL BASE AND SHIPYARD 402

25X

AN UNIDENTIFIED ATTACK-CLASS SUBMARINE (LOA APPROXIMATELY 365 FT) IS IN FRONT OF THE SOUTH DOOR OF THE MAIN CONSTRUCTION HALL.

7. LIEPAJA AIRFIELD EAST (MISSILE BONUS)

MISSILE-ASSOCIATED GROUND SUPPORT EQUIPMENT, SIMILAR TO THAT OBSERVED AT THE TALLINN PROBABLE LONG RANGE SAM LAUNCH COMPLEX, IS PARKED AT THE AIRFIELD. THIS EQUIPMENT CONSISTS OF 30 COVERED LAUNCHERS, 60 PROBABLE MISSILE DOLLIES, AND APPROXIMATELY 120 VANS/VEHICLES/PIECES OF EQUIPMENT. A RADAR SIMILAR TO THOSE OBSERVED AT LENINGRAD, TALLINN, TO THE PARKED LAUNCHERS.

8. LIEPAJA MISSILE-ASSOCIATED FACILITIES (MISSILE BONUS)

TWO UNIDENTIFIED MISSILE ASSOCIATED FACILITIES ARE UNDER CONSTRUCTION APPROXIMATELY 2 NM NE OF THE LIEPAJA PROBABLE LONG RANGE SAM LAUNCH COMPLEX. THE SOUTHERNMOST FACILITY CONSISTS OF 3 POSITIONS ALONG ONE LEG OF AN L-SHAPED SERVICE ROAD AND THE NORTHERNMOST FACILITY CONSISTS OF 2 POSITIONS ALONG A STRAIGHT SERVICE ROAD.

9. SHEN-YANG AIRFRAME PLANT 112

25X

NO FUSELAGE CRATES OBSERVED IN THE PLANT AREA. FIFTY ONE FARMER AND 1 PROBABLE MOOSE ARE OBSERVED.

10. HSI-AN AIRFRAME PLANT YEN-LIANG AIRFIELD

25X

CONSTRUCTION HAS BEEN GREATLY EXPANDED AND IT APPEARS THAT AN ALL OUT EFFORT IS BEING MADE TO COMPLETE THE PLANT. A 2,850-FT. EXTENSION UNDER CONSTRUCTION TO THE SW END OF THE TEST AND FLYAWAY FIELD WILL INCREASE THE LENGTH OF THE RUNWAY TO APPROXIMATELY 10,850 FT.

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12. NARO-FOMINSK PROB ABM PHASED-ARRAY RADAR

25X

AT OPERATIONAL AREA A, APPROXIMATELY ONE-HALF OF THE SSE ANTENNA IS NOW COVERED BY FACING MATERIAL. WHAT MAY BE 2 CABLE CONDUITS ARE OBSERVED LEADING FROM THE L-SHAPED CONTROL BUILDING TO THE REAR OF EACH OF THE ANTENNA FACES.

AT OPERATIONAL AREA B, STRUCTURES PREVIOUSLY SUSPECTED TO BE ANTENNAE ARE NOW CONFIRMED.

13. BOBRUYSK TALL KING-AD HQ FACILITY (ELECTRONICS BONUS)

LOCATED 5.5 NM WSW OF BOBRUYSK, THE FACILITY CONTAINS 1 TALL KING ANTENNA, 1 ANTENNA BUILDING, 1 SUPPORT BUILDING, 1 BUNKERED GENERATOR BUILDING, 1 MOUNDED HEIGHT FINDER RADAR, AND SEVERAL ELECTRONICS VANS.

14. KHADABULAK TALL KING-AIR DEFENSE HQ FAC (ELECTRONICS BONUS)

THIS NEWLY IDENTIFIED SITE IS LOCATED 7 NM SSE OF KHADABULAK AND CONTAINS 1 TALL KING ANTENNA, 1 ANTENNA BUILDING, 1 SUPPORT BUILDING, AND 1 GENERATOR BUILDING.

AN AIR WARNING RADAR SITE IS LOCATED 0.5 NM TO THE SW.

15. LIEPAJA AIR WARNING RADAR FACILITY (ELECTRONICS BONUS)

AN AIR WARNING RADAR SITE IS IN MID-STAGE OF CONSTRUCTION APPROXIMATELY 2 NM NE OF THE LIEPAJA PROBABLE LONG RANGE SAM LAUNCH COMPLEX. IT CONSISTS OF 4 RAMP-SERVED MOUNDS WITH A CENTRALLY LOCATED GRADED AREA.

16. TASHKENT EARTHQUAKE AREA (COMPLEX BONUS)

GOOD STEREO COVERAGE REVEALS EVIDENCE OF DAMAGE IN THE OLD SECTION OF CITY, CLEARING ACTIVITY IN 2 BLOCKS NEAR THE CENTER OF NEW CITY, AND POSSIBLE EARTH SLIPPAGE NW OF THE STADIUM.

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STATUS OF COMOR TARGET READOUT

DURING THIS REPORTING PERIOD, 131 COMOR TARGETS WERE OBSERVED AND ARE CONTAINED IN THIS OAK.

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Missiles

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MISSILES

YOSHKAR-OLA ICBM COMPLEX

UR 5633N 04801E

NO NEW MISSILE FACILITIES OBSERVED IN PORTIONS OF
SEARCH AREA COVERED BY PHOTOGRAPHY.

YOSHKAR-OLA ICBM LAUNCH SITE 1 (A)

UR 5635N 04809E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

YOSHKAR-OLA ICBM LAUNCH SITE 2 (B)

UR 5634N 04817E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

YOSHKAR-OLA ICBM LAUNCH SITE 3 (C)

UR 5631N 04827E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

YOSHKAR-OLA ICBM LAUNCH SITE 4 (D)

UR 5630N 04819E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

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YOSHKAR-OLA ICBM LAUNCH SITE 5 (E)

UR 5633N 04812E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

SVOBODNYY ICBM COMPLEX

UR 5146N 12806E

TWO TYPE IIID SITES ARE NEWLY IDENTIFIED. SITE 21, IN AN EARLY STAGE OF CONSTRUCTION, IS AT 51-58N 127-59E. IT CONSISTS OF AN EARTHEN ACCESS, A SILO CORING, AND 2 CONSTRUCTION BUILDINGS ENCLOSED BY A SECURITY FENCE. AN EXCAVATION FOR THE BUILDING OUTSIDE THE SECURITY FENCE NEAR THE ENTRANCE IS PRESENT. A LONG RECTANGULAR GABLE-ROOFED BUILDING AND 2 MISCELLANEOUS BUILDINGS ARE ALONG THE ACCESS ROAD. SITE 22, IN AN EARLY STAGE OF CONSTRUCTION, IS AT 52-00N 128-03E. IT CONSISTS OF AN ACCESS ROAD, THE INITIAL SILO EXCAVATION, AND THE BUILDING EXCAVATION NEAR THE ENTRANCE TO THE SITE. SECURITY FENCING IS NOT EVIDENT. THE LONG RECTANGULAR GABLE-ROOFED BUILDING IS OBSERVED ALONG THE ACCESS ROAD.

SVOBODNYY ICBM LAUNCH SITE 4 (D)

UR 5158N 12806E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

SVOBODNYY ICBM LAUNCH SITE 8 (H)

UR 5202N 12805E

A MISSILE IS IN FRONT OF THE LEFT MISSILE-READY BUILDING. THE ERECTOR ON THE RIGHT PAD IS IN AN

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UPRIGHT POSITION. NO OTHER MISSILE EQUIPMENT IS OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

SVOBODNYI ICBM LAUNCH SITE 15

UR 5155N 12805E

SITE REMAINS IN MIDSTAGE OF CONSTRUCTION.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

SVOBODNYI ICBM LAUNCH SITE 16

UR 5151N 12802E

SITE REMAINS IN MID-STAGE OF CONSTRUCTION.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

SVOBODNYI ICBM LAUNCH SITE 17

UR 5155N 12801E

SITE REMAINS IN MID-STAGE OF CONSTRUCTION.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

DROVYANAYA ICBM COMPLEX

UR 5131N 11300E

A TYPE IIID SITE (41) IS NEWLY IDENTIFIED AT 51-30N 113-02E NEAR THE SE CORNER OF THE TRANSFER POINT. THE SITE IS IN MID-STAGE OF CONSTRUCTION. ONE POSSIBLE MISSILE IS LOCATED IN THE TRANSFER POINT. NO OTHER NEW MISSILE FACILITIES ARE OBSERVED IN CLOUD-FREE PORTIONS OF THE PHOTOGRAPHY.

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DROVYANAYA ICBM COMPLEX SUPPORT FACILITY. UR 5131N 11300E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

DROVYANAYA ICBM RAIL-TO-ROAD TSFR POINT. UR 5130N 11302E

A HIGH LEVEL OF ACTIVITY IS APPARENT IN THE TRANSFER POINT. THREE PROBABLE MISSILE TRANSPORTERS (APPROXIMATELY 60 FT LONG) AND 7 OTHER MISCELLANEOUS VEHICLES ARE LOCATED IN THE VEHICLE MAINTENANCE AREA. TWO PROBABLE MISSILES/COMPONENTS ARE IN FRONT OF A MISSILE RIM BUILDING. EIGHT RAIL CARS ARE ON THE RAIL LINE IN THE TRANSFER POINT.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

(SEE ATTACHMENT)

DROVYANAYA ICBM LAUNCH SITE 1 (A) UR 5125N 11300E

IDENTIFICATION ONLY.

DROVYANAYA ICBM LAUNCH SITE 2 (B) UR 5125N 11304E

IDENTIFICATION ONLY.

DROVYANAYA ICBM LAUNCH SITE 3 (D) UR 5120N 11301E

IDENTIFICATION ONLY.

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DROVYANAYA ICBM LAUNCH SITE 4 (C)

UR 5127N 11303E

IDENTIFICATION ONLY.

DROVYANAYA ICBM LAUNCH SITE 5 (E)

UR 5122N 11250E

IDENTIFICATION ONLY.

DROVYANAYA ICBM LAUNCH SITE 6 (F)

UR 5120N 11254E

IDENTIFICATION ONLY.

DROVYANAYA ICBM LAUNCH SITE 7 (G1)

UR 5138N 11305E

IDENTIFICATION ONLY.

DROVYANAYA ICBM LAUNCH SITE 8 (G2)

UR 5134N 11304E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

DROVYANAYA ICBM LAUNCH SITE 9 (G3)

UR 5136N 11302E

IDENTIFICATION ONLY.

DROVYANAYA ICBM LAUNCH SITE 10 (G4)

UR 5133N 11307E

IDENTIFICATION ONLY.

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DROVYANAYA ICBM LAUNCH SITE 11 (G5)

UR 5136N 11307E

IDENTIFICATION ONLY.

DROVYANAYA ICBM LAUNCH SITE 12 (G6)

UR 5129N 11300E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

DROVYANAYA ICBM LAUNCH SITE 13 (G7)

UR 5131N 11304E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

DROVYANAYA ICBM LAUNCH SITE 14 (G8)

UR 5129N 11306E

IDENTIFICATION ONLY.

DROVYANAYA ICBM LAUNCH SITE 15 (H7)

UR 5126N 11302E

IDENTIFICATION ONLY.

DROVYANAYA ICBM LAUNCH SITE 18 (G10)

UR 5131N 11300E

CONSTRUCTION STATUS IS UNDETERMINED.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

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DROVYANAYA ICBM LAUNCH SITE 19 (H8)

UR 5121N 11251E

CONSTRUCTION STATUS IS UNDETERMINED.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

DROVYANAYA ICBM LAUNCH SITE 20 (H6)

UR 5122N 11257E

IDENTIFICATION ONLY.

DROVYANAYA ICBM LAUNCH SITE 22 (H1)

UR 5122N 11302E

IDENTIFICATION ONLY.

DROVYANAYA ICBM LAUNCH SITE 24 (H3)

UR 5123N 11306E

IDENTIFICATION ONLY.

DROVYANAYA ICBM LAUNCH SITE 26 (H9)

UR 5121N 11247E

IDENTIFICATION ONLY.

DROVYANAYA ICBM LAUNCH SITE 28 (H10)

UR 5124N 11252E

CONSTRUCTION STATUS IS UNDETERMINED.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

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OLOVYANNAYA ICBM COMPLEX

UR 5049N 11550E

THREE TYPE IIID LAUNCH SITES ARE NEWLY IDENTIFIED AND ARE DESIGNATED SITES 57H, 58H, AND 59I. EACH IS IN MID-STAGE OF CONSTRUCTION AND IS SURROUNDED BY A DOUBLE FENCE.

NO OTHER NEW MISSILE ACTIVITY IS OBSERVED IN THE PORTION OF THE SEARCH AREA COVERED ON PHOTOGRAPHY.

OLOVYANNAYA ICBM LAUNCH SITE 5 (D2)

UR 5104N 11608E

CONSTRUCTION STAGE IS UNDETERMINED.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

OLOVYANNAYA ICBM LAUNCH SITE 6 (D7)

UR 5104N 11604E

IDENTIFICATION ONLY.

OLOVYANNAYA ICBM LAUNCH SITE 7 (D3)

UR 5102N 11609E

SITE IS NOW COMPLETE.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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OLOVYANNAYA ICBM LAUNCH SITE 8 (D4)

UR 5102N 11602E

SITE IS NOW COMPLETE.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

[REDACTED]

OLOVYANNAYA ICBM LAUNCH SITE 11 (D10)

UR 5105N 11615E

SITE IS NOW COMPLETE.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

[REDACTED]

OLOVYANNAYA ICBM LAUNCH SITE 13 (D9)

UR 5106N 11612E

SITE IS NOW COMPLETE.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

[REDACTED]

OLOVYANNAYA ICBM LAUNCH SITE 42 (F10)

UR 5049N 11607E

SITE REMAINS IN MID-STAGE OF CONSTRUCTION.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

[REDACTED]

OLOVYANNAYA ICBM LAUNCH SITE 46 (H1)

UR 5040N 11558E

SITE REMAINS IN MID-STAGE OF CONSTRUCTION.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW

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CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

OLOVYANNAYA ICBM LAUNCH SITE 47 (H2)

UR 5043N 11602E

SITE REMAINS IN MID-STAGE OF CONSTRUCTION.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

OLOVYANNAYA ICBM LAUNCH SITE 48 (H8)

UR 5044N 11607E

SITE REMAINS IN MID-STAGE OF CONSTRUCTION.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

OLOVYANNAYA ICBM LAUNCH SITE 49 (H3)

UR 5041N 11605E

SITE REMAINS IN MID-STAGE OF CONSTRUCTION.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

OLOVYANNAYA ICBM LAUNCH SITE 50 (H4)

UR 5037N 11603E

SITE REMAINS IN MID-STAGE OF CONSTRUCTION.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

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OLOVYANNAYA ICBM LAUNCH SITE 52 (H9) UR 5038N 11611E

SITE CAN NOW BE CONFIRMED AND IS IN MID-STAGE OF CONSTRUCTION.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

OLOVYANNAYA ICBM LAUNCH SITE 55 UR 5058N 11611E

THE SITE, IN AN EARLY STAGE OF CONSTRUCTION, NOW CONSISTS OF A SILO CORING IN A SHALLOW EXCAVATION. TWO BUILDING FOUNDATIONS ARE LOCATED TO THE NORTH. A HOUSING AREA CONSISTING OF 4 BUILDINGS, 2 BUILDINGS UNDER CONSTRUCTION, AND 7 BUILDING FOUNDATION EXCAVATIONS IS NW OF THE SITE. THIS IS THE PROBABLE CONTROL FACILITY FOR A NEW LAUNCH GROUP. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

KARTALY ICBM COMPLEX UR 5302N 06035E

APPROXIMATELY 5 PERCENT OF THE SE PORTION OF THE SEARCH AREA IS COVERED. NO NEW MISSILE FACILITIES OBSERVED IN CLOUD-FREE PORTIONS.

KARTALY ICBM LAUNCH SITE 18 UR 5251N 06038E

SITE CONTINUES IN MID-STAGE OF CONSTRUCTION. NO MISSILES, MISSILE-RELATED EQUIPMENT, OR SIGNIFICANT CHANGES OBSERVED.

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KARTALY ICBM LAUNCH SITE 19

UR 5253N 06046E

SITE CONTINUES IN MID-STAGE OF CONSTRUCTION. NO MISSILES, MISSILE-RELATED EQUIPMENT, OR SIGNIFICANT CHANGES OBSERVED.

KARTALY ICBM LAUNCH SITE 20

UR 5257N 06055E

SITE CONTINUES IN MID-STAGE OF CONSTRUCTION. NO MISSILES, MISSILE-RELATED EQUIPMENT, OR SIGNIFICANT CHANGES OBSERVED.

KARTALY ICBM LAUNCH SITE 21

UR 5251N 06055E

SITE CONTINUES IN MID-STAGE OF CONSTRUCTION. NO MISSILES, MISSILE-RELATED EQUIPMENT, OR SIGNIFICANT CHANGES OBSERVED.

KARTALY ICBM POSS LAUNCH SITE 22

UR 5248N 06044E

COVERAGE OF THIS AREA SHOWS NO EVIDENCE OF THE POSSIBLE ICBM LAUNCH SITE. THIS POSSIBLE SITE IS BEING DROPPED FROM NPIC LISTINGS.

ANASTASYEVKA MRBM LAUNCH SITE 1

UR 4835N 13538E

EACH LAUNCH PAD CONTAINS A PROBABLE ERECTOR/LAUNCHER. THREE OF THE MISSILE-READY BUILDINGS AND 1 DRIVE-THROUGH CONTROL BUILDING ARE PAINTED TO APPEAR AS EXTENSIONS TO THE ADJACENT CONCRETE ROADWAY. SMALL VEHICLES AND PIECES OF EQUIPMENT ARE OBSERVED IN THE LAUNCH AREA. IN THE FUEL/ODIXENT SECTION, IN THE [REDACTED] AND AT THE SITE SUPPORT FACILITY. NO OTHER CHANGES TO THE SITE OR THE

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ANASTASYEVKA MRBM LAUNCH SITE 2

UR 4836N 13541E

A PROBABLE MISSILE IS ERECTED ON 1 OF THE LAUNCH PADS. A PROBABLE ERECTOR IS POSITIONED ADJACENT TO THE RESPECTIVE MISSILE-READY BUILDING. THE 3 REMAINING LAUNCH PADS EACH CONTAIN AN ERECTOR/LAUNCHER. THE 2 INNER PADS (1 OF WHICH CONTAINS THE PROBABLE MISSILE) ARE OBSCURED TO A SLIGHT DEGREE BY NETTING. TWO LONG LINEAR OBJECTS ARE LOCATED ON THE CENTRAL ACCESS ROAD ADJACENT TO THE LAUNCH PADS. SMALL VEHICLES ARE OBSERVED IN THE LAUNCH AREA, IN THE FUEL/OXIDENT SECTION, [REDACTED] AND IN THE SITE SUPPORT AREA. NO CHANGES ARE OBSERVED IN THE LAUNCH SITE OR THE [REDACTED]

(SEE ATTACHMENT)

DEMIDOV FIXED FIELD MRBM SITE

UR 5601N 02818E

LAUNCHERS AND CHOCK MARKS ARE OBSERVED AT 3 OF THE 4 LAUNCH CLEARINGS. IN THE WESTERN PORTION OF THE SITE, ADJACENT TO A CLEARING, IS A LARGE GABLE-ROOFED BUILDING. BESIDE THIS BUILDING IS A PARKING AREA CONTAINING AT LEAST 3 POSSIBLE VEHICLES. NO OTHER CHANGES ARE OBSERVED.

GRANOV IRBM LAUNCH SITE 1

UR 4856N 02930E

MISSILE ERECTOR IS ON EACH LAUNCH POSITION. FOUR PROBABLE SS5 FUEL/OXIDIZERS TRANSPORTERS ARE LOCATED AT NORTH AND SOUTH ENDS OF LAUNCH SITE IN THE MISSILE FUEL STORAGE AREAS. FOUR UNIDENTIFIED VEHICLES ARE AT THE NW CORNER OF THE LAUNCH SITE ON THE ACCESS ROAD. AN UNIDENTIFIED VEHICLE/OBJECT IS PARKED IN FRONT OF NORTH CENTER READY BUILDING. TWO UNIDENTIFIED VEHICLES/OBJECTS ARE PARKED [REDACTED] NINETEEN UNIDENTIFIED [REDACTED]

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VEHICLES ARE OBSERVED IN VEHICLE PARKING AREA AND 10 UNIDENTIFIED VEHICLES ARE NEAR THE MAIN ENTRANCE OF THE SITE SUPPORT FACILITY. NO CHANGES IN THE

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

KIVERTSY MRBM LAUNCH SITE 1

UR 5052N 02530E

ERECTORS ARE VISIBLE ON EACH LAUNCH PAD. FUEL AND OXIDIZER TRAILERS AND OTHER MISSILE-RELATED VEHICLES/PIECES OF EQUIPMENT ARE VISIBLE IN LAUNCH SITE. TWO HARDENED HF COMMUNICATIONS ANTENNAS ARE VISIBLE ADJACENT TO THE EARTH-MOUNDED HF COMMUNICATIONS CONTROL BUILDING. THE LARGER ANTENNA IS COMPLETE AND THE SMALLER IS UNDER CONSTRUCTION.

KIVERTSY MRBM LAUNCH SITE 2

UR 5057N 02536E

AN ERECTED MISSILE AND ASSOCIATED ERECTOR IS OBSERVED ON EACH LAUNCH POSITION. A MISSILE TRANSPORTER IS OBSERVED ON 2 OF THE 4 LAUNCH POSITIONS. THE 3 NORTHERNMOST LAUNCH POSITIONS EACH CONTAIN 2 PROBABLE SS4 OXIDIZER TRAILERS WITH PRIME MOVERS AND A PROBABLE SS4 FUEL TRAILER WITH PRIME MOVER. THE SOUTH LAUNCH POSITION HAS ONLY 2 FUEL/OXIDIZER TRAILERS WITH PRIME MOVERS. AT LEAST 10 UNIDENTIFIED OTHER VEHICLES ARE IN THE VICINITY OF THE LAUNCH SITE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

(SEE ATTACHMENT)

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TROSTYANETS MRBM LAUNCH SITE 3

UR 5058N 02539E

ERECTORS ARE VISIBLE ON 2 LAUNCH PADS. FUEL AND OXIDANT TRAILERS AND MISCELLANEOUS VEHICLES ARE VISIBLE AT THE LAUNCH SITE. FORTY-TWO VEHICLES/PIECES OF EQUIPMENT, SOME OF WHICH RESEMBLE FUEL TRAILERS, ARE PARKED IN 2 FENCED AREAS (ONE BETWEEN THE SUPPORT FACILITY AND THE SITE AND ONE IN THE WARHEAD HANDLING FACILITY). ROOFING APPEARS APPROXIMATELY 80 PERCENT COMPLETE ON THE NEW STRUCTURE IN THE WARHEAD HANDLING FACILITY. UNIDENTIFIED STRUCTURES SIMILAR TO THOSE AT OTHER MRBM SITES ARE BEING ADDED TO THE SIDES OF EACH OF THE MISSILE-READY BUILDINGS.

KIVERTSY FIXED FIELD MRBM SITE

UR 5050N 02524E

UNIDENTIFIED CLEARING/LEVELLING AND POSSIBLE FOUNDATIONS FOR A STRUCTURE ARE VISIBLE ADJACENT TO THE SITE ON THE NE. POSSIBLE VEHICLES/EQUIPMENT ARE LOCATED IN A SMALL MOTOR POOL AREA ON THE SOUTH EDGE OF THE SITE.

NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

VASILISHKI FIXED FIELD MRBM SITE

UR 5344N 02456E

NO MISSILES ARE OBSERVED AT THE SITE. SEVERAL CLEARINGS ADJACENT TO THE LAUNCH CLEARINGS CONTAIN SMALL UNIDENTIFIED OBJECTS. ONE LARGE ELONGATED RECTANGULAR OBJECT IS OBSERVED IN A CLEARING SOUTH OF THE LAUNCH CLEARINGS. A LARGE RECTANGULAR CLEARING TO THE WEST CONTAINS AT LEAST 4 PROBABLE MISSILE-READY TENT BASES. THE SOUTHERNMOST PORTION OF THE SITE CONTAINS AT LEAST 2 PYRAMIDAL TENTS, AT LEAST 2 GENERAL PURPOSE TENTS, 2 PROBABLE TRUCKS, AND 2 POSSIBLE TRUCKS. TWO LARGE AREAS OF POSSIBLE PERSONNEL REVETMENTS ARE NW OF THE SITE AT DISTANCES OF APPROXIMATELY 1,500 FT AND 3,000 FT RESPECTIVELY.

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PARYSHCHE MRBM LAUNCH SITE

UR 4838N 02442E

MISSILE ERECTORS ARE IN POSITION ON EACH PAD. FUEL AND OXIDIZER TRAILERS AND NUMEROUS PIECES OF MISSILE ASSOCIATED EQUIPMENT ARE OBSERVED WITHIN LAUNCH SITE. NO CHANGES IN [REDACTED] VISIBLE.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

NOVA VES MRBM LAUNCH SITE

UR 4839N 02448E

TWO PROBABLE SS-4 MISSILES ARE VISIBLE (1 ON A LAUNCH PAD AND 1 IN MOTOR POOL SECTION). ERECTORS ARE ON EACH LAUNCH PAD. MISCELLANEOUS MISSILE-RELATED EQUIPMENT IS LOCATED WITHIN THE SITE. NO CHANGES OBSERVED IN THE [REDACTED]

PERCENT CLOUD COVERED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

NOVOSYSOYEVKA IRBM LAUNCH SITE 1

UR 4411N 13326E

A MISSILE ON A TRANSPORTER IS OBSERVED PROTRUDING FROM A MISSILE-READY BUILDING. A MISSILE ERECTOR IS ON EACH LAUNCH POSITION, 2 UNIDENTIFIED VEHICLES ARE ADJACENT [REDACTED]

8 SS5 FUEL/OXIDIZER TRANSPORTERS (1 WITHOUT PRIME MOVER), 8 OTHER UNIDENTIFIED VEHICLES, AND 9 MISCELLANEOUS VEHICLES ARE OBSERVED IN THE VEHICLE PARKING AREA. NO [REDACTED]

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

SHEVELEVO MRBM LAUNCH SITE

UR 5737N 02812E

A MISSILE ON A TRANSPORTER IS OBSERVED AT BOTH ENDS OF THE TWO MISSILE-READY BUILDINGS OF THE DUMBBELL-TYPE LAUNCH SITE. A MISSILE ERECTOR IS ON EACH OF THE 4

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LAUNCH POSITIONS. NORTHERN LAUNCH POSITIONS CONTAIN 2 PROBABLE SS4 OXIDIZER TRAILERS AND A PROBABLE SS4 FUEL TRAILER, EACH WITH A PRIME MOVER. SOUTH LAUNCH POSITIONS EACH CONTAIN 2 FUEL/OXIDIZER TRAILERS WITH PRIME MOVERS. A FUEL/OXIDIZER TRAILER WITH PRIME MOVER IS JUST ENTERING THE LAUNCH POSITION FROM THE SOUTH SIDE. TEN UNIDENTIFIED VEHICLES ARE OBSERVED WITHIN THE ENCLOSURE OF THE

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

(SEE ATTACHMENT)

POSTAVY MRBM LAUNCH SITE 1

UR 5509N 02654E

ONE LAUNCH PAD CONTAINS A PROBABLE ERECTOR AND 7 OTHER VEHICLES/PIECES OF EQUIPMENT. ERECTORS ARE ABSENT FROM THE REMAINING 3 LAUNCH PADS. NUMEROUS VEHICLES ARE OBSERVED WITHIN THE LAUNCH SITE ROAD NETWORK, IN THE FUEL/OXIDENT SECTION, FACILITY, AND AT THE SITE SUPPORT FACILITY. NO NEW CONSTRUCTION IS OBSERVED.

SIVTSY FIXED FIELD MRBM SITE

UR 5509N 02652E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

SARY-SHAGAN LAUNCH COMPLEX B (ZONE B)

UR 4559N 07231E

IN THE OPERATIONS AREA, FACILITY B, FACILITY C (TRIAD FACILITY), AND THE MISSILE ASSEMBLY AND CHECKOUT AREA ARE IN CLOUD SHADOW. FACILITY A IS CLEAR WITH NO APPARENT CHANGE IN FACILITIES SINCE

ONE PIECE OF UNIDENTIFIED EQUIPMENT IS PARKED IN THE SE CORNER OF THE FACILITY. NO CHANGE AT FACILITY B SINCE

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UNIDENTIFIED MISSILE IS ON THE LAUNCHER AT LAUNCH PAD B-2. IT HAS AN OVERALL LENGTH OF [] (PLUS OR MINUS 5 FT). NO DETAILS OF THIS UNIDENTIFIED MISSILE ARE DISCERNIBLE. AT LAUNCH POSITION B-4, A PROBABLE GALOSH MISSILE IS IN THE PASS-THROUGH ERECTOR. SHADOW ANALYSIS INDICATES THE MISSILE IS ERECTED BUT NOT IN A VERTICAL POSITION. IT HAS AN OVERALL LENGTH OF [] (PLUS OR MINUS 10 FT) AND A WIDTH OF [] (PLUS OR MINUS 5 FT).

AT THE TRIAD FACILITY, THE RADOME ON TRIAD BUILDING A IS DARK IN TONE WHILE THE RADOMES ON TRIAD BUILDINGS B AND C ARE LIGHT IN TONE. NEW UNIDENTIFIED EARTH SCARRING [] IS OBSERVED AT THE INCOMPLETE LAUNCH POSITION 200 FT NE OF TRIAD BUILDING B.

NO CHANGE IN FACILITIES AT THE MISSILE ASSEMBLY AND CHECKOUT AREA SINCE [] TWO VEHICLES/PIECES OF EQUIPMENT ARE PARKED IN THE AREA. AT INSTRUMENTATION SITE B-1, A THIRD ELECTRONICS VAN IS PRESENT IN ADDITION TO THE 2 VANS PRESENT ON MISSION

[] NO APPARENT CHANGE IN THE CLOUD-FREE PORTIONS OF THE SUPPORT AREA SINCE [] [] THE SA-2 SAM SITE IS CLOUD COVERED.

FIFTEEN SMALL VEHICLES ARE OBSERVED ON THE ROAD BETWEEN THE SUPPORT AREA AND THE OPERATIONS AREA. NO AIRCRAFT OBSERVED AT THE AIRSTRIP.

(SEE ATTACHMENT)

SHUANG-CHENG-TZU MISSILE TEST CENTER

CH 4107N 10020E

A 15 X 30 NM SECTION APPROXIMATELY 2 NM SW OF THE CENTER OF THE 50-NM SAM SEARCH AREA IS COVERED ALONG WITH A [] NM SECTION APPROXIMATELY 47 NM NW OF THE CENTER OF THE 50-NM SEARCH AREA.

NO NEW MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR OTHER SIGNIFICANT CHANGES ARE OBSERVED WITHIN LIMITS OF PHOTOGRAPHY.

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MISSION 4028 14-20 MAY 66

SEVERODVINSK NAVAL BASE AND SHIPYARD 402 UR 6434N 03949E

CONSTRUCTION IS CONTINUING ON THE COVERED REPAIR WAY NEAR THE NEW WET DOCK AND AT THE WEST END OF THE HARBOR.

OB -- -- AN UNIDENTIFIED ATTACK-CLASS SUBMARINE (LOA APPROXIMATELY 365 FT) IS IN FRONT OF THE SOUTH DOOR OF THE MAIN CONSTRUCTION HALL. THE AFTER HALF OF THIS SUBMARINE APPEARS IDENTICAL TO THE N-CLASS SSN IN HULL SHAPE AND BY THE PRESENCE OF A VERTICAL STERN FIN. A DEPRESSED AREA FOR THE SAIL IS APPROXIMATELY 65 FT LONG AND BEGINS APPROXIMATELY 95 FT FROM THE BOW. THE FORWARD ONE-THIRD OF THIS SUBMARINE APPEARS TO TAPER TO A MUCH NARROWER BOW THAN PREVIOUSLY OBSERVED ON AN N-CLASS SSN. A VERY LARGE FLOATING CRANE IS WORKING OFF THE PORT QUARTER OF THE SUBMARINE.

ALONG THE SOUTH QUAY -- 3 E-II-CLASS SSGN, 1 N-CLASS SSN (VISIBLE WATERLINE LENGTH AT LEAST 355 FT), 1 N-CLASS SSN (LOA APPROXIMATELY 325 FT) IN A FLOATING DOCK (THIS SUBMARINE APPARENTLY HAS OUTER HULL PLATING REMOVED FROM AN AREA IMMEDIATELY AFT OF THE SAIL), 1 CATAMARAN VESSEL, AND 6 SUPPORT BARGES.

WEST QUAY -- 8 PROBABLE POLISH TR-40-CLASS MSB (6 CANVAS COVERED), 1 P6(T)-CLASS PT, 10 SMALL CRAFT ON THE QUAY, 1 T-43-CLASS MSF, 1 LARGE AND 4 SMALL MISSILE TARGET BARGES, 1 LARGE, 1 MEDIUM, AND 1 SMALL TRANSPORTER DOCK, 2 PROBABLE YR, 3 TUGS, 3 PROBABLE YO, AND 9 AKL.

AT THE QUAY AT THE NUCLEAR SUBMARINE SPECIAL SUPPORT FACILITY -- 1 ZEYA-CLASS YRSN AND 1 COVERED LIGHTER.

YAGRY ISLAND NAVAL BASE -- 1 Z-CLASS SSB, 1 W-CLASS (TWIN CYLINDER) SSG, 1 RIGA-CLASS DE, AND 1 BOLVA-CLASS APL.

NEW WET DOCK AREA -- 1 PROBABLE N-CLASS SSN (LOA NO GREATER THAN 335 FT) ON THE NORTH LEDGE OF THE WET DOCK, 2 PROBABLE G-CLASS SSB BOW TO BOW (ONE WITH SAIL REMOVED, ONE WITH SCAFFOLDED SAIL) ON THE SOUTH LEDGE AND 2 SUPPORT BARGES IN THE FLOODED DEEP PORTION, A PROBABLE H-CLASS SSBN IN FLOATING DOCK ALONGSIDE FITTING-OUT QUAY (SAIL AND STERN ARE COMPLETELY SHED COVERED, BOW PLANES ARE EXTENDED, AND DECK PLATES APPEAR TO HAVE BEEN REMOVED FROM AN AREA IMMEDIATELY AFT OF THE SAIL), A PM-124-CLASS AG MOORED OUTBOARD THE

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FLOATING DOCK, A SUPPORT BARGE MOORED ACROSS THE FORWARD END OF THE DOCK, AND 1 G-CLASS SSB (WITH AFTER PART OF SAIL REMOVED EXPOSING 3 MISSILE TUBE COVERS), 1 YAGT, AND A TUG ALSO LOCATED ALONG THIS QUAY.

EAST QUAY -- 2 J-CLASS SSG (ONE WITH MISSILE LAUNCHERS ELEVATED) MOORED OUTBOARD AN UNIDENTIFIED AG AND 2 PROBABLE AK.

-- ALL VESSELS APPEAR TO HAVE REMAINED IN THE SAME POSITIONS AS OBSERVED ON [REDACTED] EXCEPT FOR THE VERY LARGE FLOATING CRANE WHICH HAS MOVED FROM THE LAUNCHING BASIN TO THE FITTING-OUT QUAY AT THE NEW WET DOCK FACILITY. IT IS APPARENTLY WORKING ON THE YAGT.

(SEE ATTACHMENT)

PETROPAVLOVSK NAVAL BASE TARYA BAY

UR 5255N 15834E

OB -- 1 E-II-CLASS SSGN (WITH 1 SET OF MISSILE TUBES ELEVATED), 2 E-I-CLASS SSGN (1 WITH 1 SET OF MISSILE TUBES ELEVATED), 1 N-CLASS SSN, 1 G-CLASS SSG, 4 F/Z-CLASS SS, 5 W-CLASS SS, 1 PROBABLE W-CLASS SS, 2 UNIDENTIFIED MEDIUM SS, 1 DON-CLASS AS, 1 NEVA-CLASS ASL, 1 SKORYY-CLASS DD (WITH GUNS REMOVED), 1 BOLVA-CLASS APL, 1 UNIDENTIFIED VESSEL, 1 FLOATING DOCK OCCUPIED BY 3 T-43-CLASS MSF AND 2 SMALL UNIDENTIFIED VESSELS, 1 TRANSPORTER DOCK OCCUPIED BY 1 T-43-CLASS MSF AND 1 SMALL UNIDENTIFIED VESSEL, AND NUMEROUS SMALL CRAFT AND BARGES.

NO SIGNIFICANT CHANGE OBSERVED.

PETROPAVLOVSK NAVAL MISSILE STORAGE

UR 5257N 15827E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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MISSION 4028 14-20 MAY 66

PETROPAVLOVSK NVL MSL SUPPORT FACILITY UR 5257N 15829E

TWO TRUCK-MOUNTED CRANES OBSERVED.

OB -- 2 OSA-CLASS PTFG, 1 SIBER-CLASS AGM, 1 LAMA-CLASS AEM, AND 4 SMALL VESSELS.

NO SIGNIFICANT CHANGE OBSERVED.

PETROPAVLOVSK NVL B SELDEVAYA BAY UR 5254N 15830E

OB -- 1 G-CLASS SSB IN A DRY DOCK, 1 F/Z-CLASS SS, 1 R/W-CLASS SS IN A FLOATING DOCK WITH 2 UNIDENTIFIED VESSELS AND A ROUND PEDESTAL, 1 MODIFIED KOTLIN-CLASS DD, 1 KOTLIN-CLASS DD, 1 SKORYY-CLASS DD, 1 RIGA-CLASS DE, 1 T-43-CLASS MSF, 1 S.O.1-CLASS SC, 1 DON-CLASS AS, 1 PRUT-CLASS ASR, 1 PROBABLE PM-124-CLASS AG, 1 ZEYA-CLASS YRSN, 1 LARGE AND 2 SMALLER AUXILIARIES, 2 FLOATING CRANES, AND NUMEROUS SMALL CRAFT. A DREDGE IS LOCATED OFF-SHORE.

NO SIGNIFICANT CHANGE OBSERVED.

PETROVKA SHIPYARD UR 4307N 13220E

CONSTRUCTION IS CONTINUING ON THE QUAY NEAR THE WET DOCK AND ON THE PROBABLE NUCLEAR SUBMARINE SPECIAL SUPPORT FACILITY WHERE THE LARGE MAIN BUILDING STILL LACKS APPROXIMATELY 30 PERCENT OF A ROOF.

OB -- 1 PROBABLE E-CLASS SSGN, 1 R/W-CLASS SS, 2 PROBABLE YAGT, 1 PC, 1 BARGE AND 3 SMALL UNIDENTIFIED VESSELS ON THE WAYS, 1 PASSENGER VESSEL ON THE LEDGE OF THE BASIN, 3 E-II-CLASS SSGN, 1 E-I-CLASS SSGN, 1 PROBABLE R/W-CLASS SS, 1 PROBABLE SKORYY-CLASS DD (UNARMED), 1 ZEYA-CLASS YRSN, 1 UNOCCUPIED TRANSPORTER DOCK, 1 TRANSPORTER DOCK WITH SHEDS OR CANVAS RUNNING ITS ENTIRE LENGTH, 1 PROBABLE YAGT, AND NUMEROUS SMALL VESSELS AT THE FITTING-OUT PIERS AND QUAYS.

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DUNAY PROBABLE NAVAL MISSILE STORAGE

UR 4256N 13220E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

DUNAY SUBMARINE BASE RAZBOYNIK BAY

UR 4253N 13221E

OB -- 5 PROBABLE P-6-CLASS PT, 1 PROBABLE LIBAU-CLASS AGCL, 17 SMALL VESSELS, 1 E-II-CLASS SSGN IN FLOATING DOCK (WITH A SUPPORT VESSEL ALONGSIDE) ANCHORED IN THE BAY, 1 ZEYA-CLASS YRSN, 1 DNEPR-CLASS AR, AND A FLOATING CRANE AT THE FINGER PIER AT THE FACILITY 0.5 NM SW ON THE SW SHORE OF BUKHTA RAZBOYNIK.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

DUNAY SUBMARINE BASE BUKHTA KONYUSHKOVA

UR 4252N 13222E

OB -- 2 MEDIUM SS AND 1 SMALL SURFACE CRAFT.

NO SIGNIFICANT CHANGE OBSERVED.

LIEPAJA NAVAL BASE AND SHIPYARD

UR 5633N 02102E

NO MISSILE STORAGE NOTED.

OB -- [REDACTED] -- AT MAIN BASE -- 1 W-CONVERSION-CLASS LONG BIN-TYPE SSG, 2 F/Z-CLASS SS, 15 R/W-CLASS SS (2 IN GRAVING DOCKS), 1 SVERDLOV-CLASS CL, 1 KOTLIN-CLASS DD IN GRAVING DOCK, 1 KOTLIN-CLASS DD WITH HELICOPTER PLATFORM, 3 RIGA-CLASS DE, 8 POTI-CLASS PC (2 HAVE ASW ROCKET LAUNCHERS REMOVED), 1 KRONSTADT-CLASS PC, 3 S.O.1-CLASS SC, 3 T-43-CLASS MSF, 1 DON-CLASS AS, AND NUMEROUS AUXILIARIES AND SMALL CRAFT. IN OUTER HARBOR -- 2 R/W CLASS SS, 1 T-43-CLASS

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MSF, AND 1 LARGE AUXILIARY. IN PORT CHANNEL -- 3 KRONSHADT-CLASS PC (1 IN GRAVING DOCK), 2 S.O.1-CLASS SC, 3 P-6-CLASS PT, AND 10 UNIDENTIFIED SMALL COMBATANTS.

-- AT MAIN BASE -- 1 W-CONVERSION-CLASS LONG-BIN TYPE SSG, 1 F/Z SS, 15 R/W-CLASS SS (2 IN GRAVING DOCKS), 1 SVERDLOV-CLASS CL, 1 KOTLIN-CLASS DD IN GRAVING DOCK, 1 KOTLIN-CLASS DD WITH HELICOPTER PLATFORM, 2 RIGA-CLASS DE, 8 POTI-CLASS PC (2 HAVE ASW ROCKET LAUNCHERS REMOVED), 1 KRONSHADT-CLASS PC, 3 S.O.1-CLASS SC, 2 T-43-CLASS MSF, 1 DON-CLASS AS, AND NUMEROUS AUXILIARIES AND SMALL CRAFT. IN OUTER HARBOR -- 1 R/W-CLASS SS, 1 T-43-CLASS MSF, AND 1 LARGE AUXILIARY. IN PORT CHANNEL -- 3 KRONSHADT-CLASS PC (1 IN GRAVING DOCK), 2 S.O.1-CLASS SC, 3 P-6-CLASS PT, AND 9 UNIDENTIFIED SMALL COMBATANTS.

-- AT MAIN BASE -- 2 F/Z-CLASS SS, 14 R/W-CLASS SS (2 IN GRAVING DOCKS), 1 SVERDLOV-CLASS CL, 1 KOTLIN-CLASS DD IN GRAVING DOCK, 1 KOTLIN-CLASS DD WITH HELICOPTER PLATFORM, 4 RIGA-CLASS DE, 8 POTI-CLASS PC (2 HAVE ASW ROCKET LAUNCHERS REMOVED), 1 KRONSHADT-CLASS PC, 3 S.O.1-CLASS SC, 3 T-43-CLASS MSF, 1 DON-CLASS AS, AND NUMEROUS AUXILIARIES AND SMALL CRAFT. IN OUTER HARBOR --- 2 PROBABLE R/W-CLASS SS AND 1 LARGE AUXILIARY. IN PORT CHANNEL -- 3 KRONSHADT-CLASS PC (1 IN GRAVING DOCK), 2 S.O.1-CLASS SC, 3 PROBABLE P-6-CLASS PT, AND AT LEAST 7 UNIDENTIFIED SMALL COMBATANTS.

RIGA NAVAL BASE & SHPYD BOLDERAJA

UR 5703N 02402E

OB -- 2 SS (EACH IN A FLOATING DOCK), 1 SS ALONGSIDE QUAY IN WESTERN PART OF HARBOR, 3 PROBABLE SS NEAR TRANSVERSING AREA, 6 SS ALONGSIDE OFF-SHORE WHARVES, 9 POSSIBLE MSF, AND 5 SMALL CRAFT AT THE EAST END OF THE HARBOR.

NO SIGNIFICANT CHANGE OBSERVED.

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LIEPAJA PROB LONG RANGE SAM LCH CPLX

UR 5633N 02111E

THIS IS THE FIRST SNOW-FREE COVERAGE SINCE MISSION

COMPONENTS OF THE COMPLEX ARE IN MID TO LATE STAGES OF CONSTRUCTION.

THE PHOTOGRAPHY OF [REDACTED] REVEALS THAT TRACKS OR TRACK BEDS, IN A FORK PATTERN, ARE PRESENT AT 4 OF THE 6 LAUNCH POSITIONS OF SITE A, 6 POSITIONS OF SITE B, AT LEAST 2 POSITIONS OF SITE C, 6 OF SITE D, AND AT 5 OF THE POSITIONS OF SITE E. THE REMAINDER OF THE POSITIONS AT THESE SITES ARE IN AN EARLIER STAGE OF CONSTRUCTION. LAUNCH POINTS ARE IN VARYING STAGES OF CONSTRUCTION WITH THOSE AT LAUNCH POSITIONS OF SITES B AND D BEING IN A MORE ADVANCED STAGE. CONTROL CENTERS OF THE LAUNCH SITES ARE IN AN EARLY CONSTRUCTION STAGE, IF THEY ARE TO BE REVETTED AS ARE THOSE AT THE TALLINN AND CHEREPOVETS COMPLEXES.

THREE OF THE RADAR POSITIONS AT THE ELECTRONICS SITE APPEAR COMPLETE AND THE OTHER 2 ARE IN A LATE CONSTRUCTION STAGE. REVETMENTS AT THE CONTROL CENTER OF THE ELECTRONICS SITE ARE IN MID-STAGE OF CONSTRUCTION AND THE POSITION IS NOT YET SURFACED.

A LARGE RECTANGULAR BUILDING LOCATED ALONG THE LAUNCH AREA MAIN ROAD OPPOSITE LAUNCH SITE B IS OUTWARDLY NEARING COMPLETION. THIS BUILDING WAS NOT PRESENT ON [REDACTED]

A PIPELINE EXTENDS FROM A STEAM PLANT LOCATED NEAR THE ACCESS ROAD SERVING LAUNCH SITE B AND BRANCHES TOWARD THE 2 LARGE ADJACENT BUILDINGS IN THE MISSILE ASSEMBLY AND CHECKOUT AREA AND TOWARD ANOTHER RECTANGULAR STRUCTURE LOCATED WEST OF LAUNCH SITE C. THE 2 LARGE ADJACENT BUILDINGS ARE NOT YET REVETTED AND THE APRON SERVING THEM IS UNSURFACED. PREPARATION FOR ADDITIONAL BUILDING CONSTRUCTION IS APPARENT AT THE NE CORNER OF THE MISSILE ASSEMBLY AND CHECKOUT AREA.

TRUCKS AND OTHER MISCELLANEOUS VEHICLES/PIECES OF EQUIPMENT, SOME IN MOTION, ARE OBSERVED THROUGHOUT THE OPERATIONAL AREA OF THE COMPLEX AND WITHIN THE SUPPORT AREA JUST OUTSIDE THE ENTRANCE TO THE COMPLEX.

THE PHOTOGRAPHY OF [REDACTED] REVEALS INSTALLATION OF A FORK PATTERN AT LAUNCH POSITION A-5 AND ROOF CONSTRUCTION PROGRESS ON THE RECTANGULAR

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BUILDING NEAR THE ENTRANCE TO SITE C.
AN AIR WARNING RADAR SITE (SEE ELECTRONICS BONUS) AND 2
UNIDENTIFIED FACILITIES (SEE MISSILE BONUS) ARE UNDER
CONSTRUCTION APPROXIMATELY 2 NM NE OF THE COMPLEX.
GROUND SUPPORT EQUIPMENT SIMILAR TO THAT PREVIOUSLY
OBSERVED AT THE TALLINN AND CHEREPOVETS PROBABLE LONG
RANGE SAM LAUNCH COMPLEXES IS PARKED AT LIEPAJA
AIRFIELD EAST LOCATED APPROXIMATELY 3.5 NM SW OF THE
COMPLEX (SEE MISSILE BONUS).

(SEE ATTACHMENT)

BABAYEVO PROBABLE LR SAM LCH CPLX (PROB) UR 5933N 03520E

NO SIGNIFICANT CHANGE OBSERVED.

LIEPAJA AIRFIELD EAST

UR 5631N 02106E BONUS 1

2 NM EAST OF LIEPAJA.

MISSILE-ASSOCIATED GROUND SUPPORT EQUIPMENT, SIMILAR TO
THAT OBSERVED AT THE TALLINN PROBABLE LONG RANGE SAM
LAUNCH COMPLEX, IS PARKED IN A SECURED OPEN STORAGE
AREA AT LIEPAJA AIRFIELD EAST.

THIS EQUIPMENT CONSISTS OF 30 COVERED LAUNCHERS, 60
PROBABLE MISSILE DOLLIES, AND APPROXIMATELY 120
VANS/VEHICLES/PIECES OF EQUIPMENT. A RADAR SIMILAR TO
THOSE OBSERVED AT LENINGRAD, TALLINN, CHEREPOVETS AND
SARY-SHAGAN COMPLEXES IS OBSERVED ADJACENT TO THE
PARKED LAUNCHERS AND APPEARS CONNECTED TO A NEARBY VAN.

THERE WAS NO EVIDENCE OF THIS EQUIPMENT AT THE AIRFIELD
ON [REDACTED] SOME OF THIS EQUIPMENT WAS
APPARENT ON [REDACTED] AND MOST OF IT WAS
EVIDENT ON [REDACTED] HOWEVER, LITTLE OF
THE EQUIPMENT WAS IDENTIFIABLE UNTIL THE PRESENT
MISSION.

(SEE ATTACHMENT)

TOP SECRET

TOP SECRET

MISSION 4028 14-20 MAY 66

25X1
25X1
25X1

25X1

LIEPAJA MISSILE-ASSOCIATED FACILITIES

UR 5635N 02114E BONUS 2

7.5 NM NE OF LIEPAJA.

TWO UNIDENTIFIED MISSILE ASSOCIATED FACILITIES ARE UNDER CONSTRUCTION APPROXIMATELY 2 NM NE OF THE LIEPAJA PROBABLE LONG RANGE SAM LAUNCH COMPLEX. ONE IS 3,000 FT AND THE OTHER 5,500 FT NORTH OF THE NEWLY IDENTIFIED AIR WARNING RADAR SITE (SEE ELECTRONICS BONUS).

THESE FACILITIES WERE NOT PRESENT IN [REDACTED] [REDACTED] AND WERE DETECTABLE ON PHOTOGRAPHY OF [REDACTED] [REDACTED] BUT INTERPRETATION WAS LIMITED BY HAZE AND SNOW.

25X
25X
25X

THE SOUTHERNMOST FACILITY CONSISTS OF 3 POSITIONS ALONG ONE LEG OF AN L-SHAPED SERVICE ROAD.

THE NORTHERNMOST FACILITY CONSISTS OF 2 POSITIONS ALONG A STRAIGHT SERVICE ROAD.

THESE FACILITIES APPEAR INCOMPLETE AND THEIR FUNCTION IS UNDETERMINED.

25X

TOP SECRET

25X
25X

**Air
Facilities**

TOP SECRET

MISSION 4028 14-20 MAY 66

AIR FACILITIES

OLENEGORSK AIRFIELD

UR 6809N 03327E

OB -- 21 BADGER.

[REDACTED]
OBSERVED.

NO ASM FACILITY

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

NORILSK AIRFIELD NORTHWEST

UR 6923N 08748E

OB -- [REDACTED] -- 1 CAB.

OB -- [REDACTED] -- NONE OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

SHEN-YANG AIRFRAME PLANT 112

CH 4152N 12325E

PLANT ACTIVITY APPEARS TO BE HEAVY. NO FUSELAGE CRATES
OBSERVED IN THE PLANT AREA.

OB -- 51 FARMER AND 1 PROBABLE MOOSE.

NO SIGNIFICANT CHANGE OBSERVED.

(SEE ATTACHMENT)

HSI-AN AIRFRAME PLANT YEN-LIANG AIRFIELD CH 3439N 10915E

CONSTRUCTION HAS BEEN GREATLY EXPANDED AND IT APPEARS
THAT AN ALL OUT EFFORT IS BEING MADE TO COMPLETE THE
PLANT. THE FINAL ASSEMBLY HALL IS NEARING COMPLETION
AND CONSIDERABLE PROGRESS HAS BEEN MADE ON THE TAXIWAY
CONNECTING IT WITH YEN-LIANG AIRFIELD. NEW
CONSTRUCTION CONSISTS OF A 2,850-FT EXTENSION UNDER
CONSTRUCTION TO THE SW END OF THE TEST AND FLYAWAY

TOP SECRET

TOP SECRET

MISSION 4028 14-20 MAY 66

FIELD WHICH WILL INCREASE THE LENGTH OF THE RUNWAY TO APPROXIMATELY 10,850 FT. A TAXIWAY UNDER CONSTRUCTION WILL CONNECT A PROBABLE AIRCRAFT TEST REVETMENT UNDER CONSTRUCTION AND A PARKING APRON UNDER CONSTRUCTION WITH BOTH THE PLANT AND THE RUNWAY EXTENSION. A LARGE FINAL CHECKOUT HANGAR, A SMALL REPAIR HANGAR, AND SEVERAL SMALL BUILDINGS ARE UNDER CONSTRUCTION.

OB AT FLYAWAY FIELD -- 7 FARMER, 1 FRESCO, 2 FAGOT, 3 COLT, 3 PROBABLE MAX, 2 SMALL STRAIGHT-WING, AND 1 PROBABLE CAB FUSELAGE.

(SEE ATTACHMENT)

CHAN-CHIANG AIRFIELD

CH 2113N 11020E

RUNWAYS AND TAXIWAYS ARE VISIBLE. SUPPORT FACILITIES ARE CLOUD COVERED.

OB -- 1 CRATE.

NO RADAR FACILITIES OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

CHIN-HSIEN AIRFIELD SOUTHEAST 1

CH 3904N 12145E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

CHOU-SHUI-TZU AIRFIELD

CH 3858N 12133E

ONLY THE WESTERN 25 PERCENT OF THE AIRFIELD IS COVERED.

OB -- 34 FAGOT/FRESCO.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

TOP SECRET

TOP SECRET

MISSION 4028 14-20 MAY 66

FU-HSIEN AIRFIELD

CH 3940N 12146E

APPROXIMATELY 80 PERCENT OF THE RUNWAY IS VISIBLE AT THE SW END.

OB -- 13 FAGOT/FRESCO, 6 PROBABLE FAGOT/FRESCO, AND 2 SMALL STRAIGHT-WING.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

KAI-YUAN AIRFIELD

CH 4232N 12358E

OB -- 27 FAGOT/FRESCO.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

CHIU-KU-CHENG AIRFIELD

CH 3730N 11606E

OB -- 18 FARMER, 3 POSSIBLE FARMER, AND 11 FAGOT/FRESCO.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

KUANG-CHOU/PAI-YUN AIRFIELD

CH 2311N 11316E

CONSTRUCTION IS STILL IN PROGRESS NW OF THE RUNWAY CENTER. ONLY THE SOUTHWESTERN 60 PERCENT OF THE AIRFIELD IS VISIBLE.

OB -- 1 CRATE AND 7 COLT.

LIAO-YANG AIRFIELD WEST

CH 4116N 12305E

OB -- 22 FARMER AND 2 FAGOT/FRESCO.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

TOP SECRET

TOP SECRET

MISSION 4028 14-20 MAY 66

LING-SHUI AIRFIELD

CH 1830N 10959E

PORTIONS OF RUNWAY AND TAXIWAY ON NW END ARE OBSCURED BY CLOUDS.

OB -- 23 FAGOT/FRESCO.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

LIU-TING AIRFIELD

CH 3615N 12022E

OB -- 2 BEAGLE, 4 FARMER, 71 FAGOT/FRESCO, AND 1 SMALL STRAIGHT-WING.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

CHI-CHI-HA-ERH AIRFIELD SOUTH

CH 4718N 12356E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

MENG-TZU AIRFIELD WEST

CH 2324N 10319E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES DISCERNIBLE THROUGH HEAVY CLOUDS. CENTER PORTION OF RUNWAY, NW DISPERSAL AREA, AND UNPAVED EAST DISPERSAL AREA OBSERVED THROUGH CLOUDS.

OB -- NONE OBSERVED.

TOP SECRET

[REDACTED] TOP SECRET [REDACTED]

MISSION 4028 14-20 MAY 66 [REDACTED]

SHEN-YANG AIRFIELD NORTH

CH 4152N 12326E

FOR OB SEE [REDACTED]

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

TAI-YUAN AIRFIELD NEW

CH 3749N 11233E

IDENTIFICATION ONLY.

TENG-AO-PAO AIRFIELD

CH 4106N 12251E

OB -- 21 FARMER AND 2 FAGOT/FRESCO.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

PEI-TUN AIRFIELD

CH 2527N 10043E

OB -- 12 FAGOT/FRESCO, 4 SMALL STRAIGHT-WING, AND 5 PROBABLE SMALL STRAIGHT-WING.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

YUN-NAN-I AIRFIELD

CH 2525N 10042E

OB -- 46 FAGOT/FRESCO, 5 CRATE, AND 12 CAB PARKED ADJACENT TO BOTH SIDES OF NE END OF RUNWAY. REMAINDER OF AIRFIELD IS CLOUD-COVERED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

45
TOP SECRET [REDACTED]

TOP SECRET

MISSION 4028 14-20 MAY 66

LA-LIN AIRFIELD

CH 4514N 12653E

OB -- 26 BAT.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

HUAI-JEN AIRFIELD

CH 3944N 11310E

OB -- 48 BEAGLE, 8 FAGOT/MIDGET, 1 CRATE, AND 3 COLT.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

HO-TIEN AIRFIELD

CH 3702N 07952E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

HSI-CHANG AIRFIELD

CH 2755N 10213E

OB -- 1 CRATE.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

HAI-LA-ERH AIRFIELD SOUTHWEST

CH 4909N 11941E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

TOP SECRET

[REDACTED] TOP SECRET [REDACTED]

MISSION 4028 14-20 MAY 66 [REDACTED]

CHING-TAO AIRFIELD

CH 3609N 12023E

OB -- 1 BEAGLE, 2 BAT, 2 FARMER, 1 FRESCO, AND 3 HOUND.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

[REDACTED]

SHEN-YANG AIRFIELD WEST

CH 4149N 12318E

OB -- 45 FAGOT/FRESCO (1 WITHOUT EMPENNAGE) AND 2
MAX/MOOSE.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

[REDACTED]

CHING-TAO SEAPLANE STATION

CH 3603N 12017E

OB -- 5 MADGE (1 WITHOUT TAIL ASSEMBLY).

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

[REDACTED]

LAN-CHO-WAN-TZU AIRFIELD

CH 4357N 08705E

CONSTRUCTION CONTINUES ON RUNWAY, TAXIWAY, AND PARKING
APRON.

OB -- 1 COOT.

[REDACTED]

47
TOP SECRET [REDACTED] [REDACTED]

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**Electronics/
Communications**

TOP SECRET

MISSION 4028 14-20 MAY 66

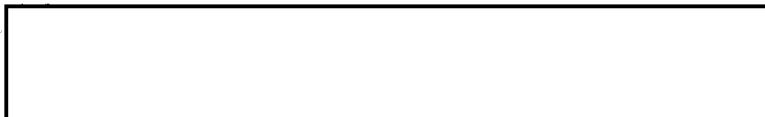
ELECTRONICS/COMMUNICATIONS

NARO-FOMINSK PROB ABM PHASED-ARRAY RADAR UR 5529N 03641E

OPERATIONAL AREA A -- THE CRANE MOVED ACROSS THE NNW ANTENNA FACE BETWEEN 15-19 MAY. APPROXIMATELY ONE-HALF OF THE SSE ANTENNA IS NOW COVERED BY FACING MATERIAL. THE LARGE RAIL-MOUNTED CRANE IS POSITIONED NEAR THE CENTER. A LARGE AMOUNT OF CONSTRUCTION MATERIAL IS PRESENT IN THE STORAGE AREA IN FRONT OF THE SSE FACE. WHAT MAY BE 2 CABLE CONDUITS ARE OBSERVED LEADING FROM THE L-SHAPED CONTROL BUILDING TO THE REAR OF EACH OF THE ANTENNA FACES. A NEW BUILDING IS OBSERVED UNDER CONSTRUCTION NW OF THE ANTENNA STRUCTURE.

OPERATIONAL AREA B -- STRUCTURES PREVIOUSLY SUSPECTED AS BEING ANTENNAE ARE NOW CONFIRMED. ALTHOUGH THE FACE OF THE ANTENNA ON THE NORTH SIDE OF THE CONTROL BUILDING IS NOT OBSERVED, THIS ANTENNA APPEARS TO BE THE MORE EXTERNALLY COMPLETE OF THE 2 STRUCTURES. IT IS CONNECTED TO THE CONTROL BUILDING BY 2 PASSAGeways. AT THE SOUTH ANTENNA, APPROXIMATELY ONE-HALF OF THE STRUCTURE APPEARS TO BE COMPLETE AND COVERED BY FACING MATERIAL. THE REMAINDER OF THE ANTENNA FACE IS MADE UP OF VERTICAL PANELS WHICH APPEAR TO CONTINUE UNDER THE FACING MATERIAL. A NEW BUILDING IS OBSERVED UNDER CONSTRUCTION NNW OF THE AREA.

NO SIGNIFICANT CHANGE IS OBSERVED IN SUPPORT AREA B SINCE [REDACTED] ONE BUILDING IS BEING DISMANTLED AT SUPPORT AREA A.



BOBRUYSK TALL KING-AD HQ FACILITY

UR 5305N 02900E BONUS 1

5.5 NM WSW OF BOBRUYSK. SECURED SITE CONTAINS 1 TALL KING ANTENNA, 1 ANTENNA BUILDING, 1 SUPPORT BUILDING, 1 BUNKERED GENERATOR BUILDING, 1 MOUNDED HEIGHT FINDER RADAR, AND SEVERAL ELECTRONICS VANS. AN AIR WARNING RADAR SITE 0.5 NM EAST OF THE TALL KING CONTAINS 3 RADAR MOUNDS, 2 OF WHICH CONTAIN BAR LOCK AND ROCK/STONE CAKE RADARS, SEVERAL OCCUPIED EQUIPMENT REVETMENTS, AND 1 CREW QUARTERS. A SUPPORT AREA CONTAINING APPROXIMATELY 10 BUILDINGS IS LOCATED 1 NM EAST OF TALL

TOP SECRET

TOP SECRET

MISSION 4028 14-20 MAY 66

KING.

KHADABULAK TALL KING-AIR DEFENSE HQ FAC UR 5045N 11614E BONUS 2

7 NM SSE OF KHADABULAK.

SECURED SITE CONTAINS 1 TALL KING ANTENNA, 1 ANTENNA BUILDING, 1 SUPPORT BUILDING, AND 1 GENERATOR BUILDING. AN AIR WARNING RADAR SITE LOCATED 0.5 NM SW OF THE TALL KING SITE CONSISTS OF 4 RADAR MOUNDS (3 OF WHICH APPEAR OCCUPIED) WITH 2 HEIGHT FINDER AND 1 RANGE AND AZIMUTH FINDER RADAR AND AT LEAST 8 EQUIPMENT REVETMENTS WITH SEVERAL VANS SCATTERED THROUGHOUT. A SUPPORT AREA WITH APPROXIMATELY 10 BUILDINGS IS IMMEDIATELY SOUTH OF THE TALL KING.

LIEPAJA AIR WARNING RADAR FACILITY UR 5634N 02115E BONUS 3

7.5 NM ENE OF LIEPAJA.

AN AIR WARNING RADAR SITE IS IN MID-STAGE OF CONSTRUCTION APPROXIMATELY 2 NM NE OF THE LIEPAJA PROBABLE LONG RANGE SAM LAUNCH COMPLEX. THIS SITE WAS NOT PRESENT ON [REDACTED] AND WAS PROBABLY PRESENT IN AN EARLY CONSTRUCTION STAGE ON [REDACTED] IT CONSISTS OF 4 RAMP-SERVED MOUNDS WITH A CENTRALLY LOCATED GRADED AREA. AN EXCAVATION WITH FOUNDATION FOR A BUILDING IS NEARBY.

THIS SITE RESEMBLES ONE IDENTIFIED NEAR THE TALLINN COMPLEX ON [REDACTED] AND THE 2 BACKNET/SIDENET RADAR SITES ASSOCIATED WITH LAUNCH COMPLEXES 1 AND 2 AT SARY-SHAGAN.

(SEE ATTACHMENT)

TOP SECRET

**Military
Activity**

TOP SECRET

MISSION 4028 14-20 MAY 66

MILITARY ACTIVITY

CHIAO-HO ARMY BARRACKS

CH 3804N 11633E

IDENTIFICATION ONLY.

I-LIANG ARMY BARRACKS SOUTH 1

CH 2451N 10308E

FACILITY IS PARTIALLY SECURED WITH A POSSIBLE
FENCE/WALL.

NO EVIDENCE OF TROOP OR SUPPLY BUILDUP OR OTHER UNUSUAL
ACTIVITY.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

PAN-CHI ARMY BARRACKS

CH 2415N 10306E

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

CHANG CHENMO RIVER MILITARY AREA

IN 3425N 07845E

NO EVIDENCE OF TROOPS IN THE AREA. NO ROADS OR TRAILS
OBSERVED PROBABLY DUE TO SPRING THAW. NO STORAGE
AREAS, POL DUMPS, OR COMMUNICATION FACILITIES OBSERVED.

A DROP ZONE WITH CORNER MARKERS AND THE LETTERS DZ IN
THE CENTER AND AN A ON ONE SIDE IS SOUTH OF THE
INSTALLATION AT 34-16N 078-45E.

TOP SECRET

TOP SECRET

MISSION 4028 14-20 MAY 66

25X
25X

HSUN-CHIEN-SSU BARRACKS AREA

CH 3918N 11115E

25X

NO INDICATION OF MILITARY ACTIVITY OBSERVED.

OB -- 3 POSSIBLE CARGO TRUCKS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X

NAN-CHUNG POSSIBLE BARRACKS

CH 3046N 10605E

25X

OB -- 7 CARGO TRUCKS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X

NAN-CHUNG PROBABLE MILITARY BARRACKS AREA CH 3047N 10604E

25X

OB -- 5 CARGO TRUCKS AND 19 TANK TRAILERS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

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MISSION 4028 14-20 MAY 66

COMPLEXES

CHI-CHI-HA-ERH COMPLEX

CH 4721N 12358E

RELATIVELY LITTLE NEW CONSTRUCTION IN THE COMPLEX AREA AND LIGHT ROAD AND RAIL TRAFFIC INDICATE A MODERATE LEVEL OF INDUSTRIAL ACTIVITY. NO MAJOR CHANGES IN TRANSPORTATION OR MILITARY FACILITIES OBSERVED.

CHIANG-TZU COMPLEX

TI 2857N 08938E

COMPLEX IS 90 PERCENT CLOUD FREE. NO CHANGES OBSERVED IN CLOUD-FREE AREAS SINCE [REDACTED] COMPLEX INCLUDES CHIANG-TZU ARMY BARRACKS. NO NEW INDUSTRIAL AREAS, NEW BRIDGES, OR NEW SECURED INSTALLATIONS OBSERVED.

TASHKENT EARTHQUAKE AREA

UR 4119N 06916E BONUS 1

THIS MISSION PROVIDES FIRST COVERAGE OF TASHKENT SINCE THE FIRST EARTHQUAKE SHOCK ON 25 APR 66 AND REPORTED AFTERSHOCKS TO THE TIME OF COVERAGE. GOOD STEREO COVERAGE REVEALS EVIDENCE OF DAMAGE IN THE OLD SECTION OF CITY, CLEARING ACTIVITY IN 2 BLOCKS NEAR THE CENTER OF NEW CITY, AND POSSIBLE EARTH SLIPPAGE NW OF THE STADIUM. SEVERAL TENT CAMPS ARE IDENTIFIED IN PARKS AND LARGE COURTYARDS. WATER IS OBSERVED BEING DISCHARGED OVER SLUICeways ATTACHED TO 2 POWERPLANTS (WITHIN CITY LIMITS) OF THE CHIRCHIK CASCADE OF HYDROELECTRIC POWERPLANTS, INDICATING POSSIBLE DAMAGE TO EQUIPMENT.

(SEE ATTACHMENT)

TOP SECRET

Attachments

TOP SECRET

MISSION 4028, 14-20 MAY 1966

ATTACHMENT 1



RAIL-TO-ROAD TRANSFER POINT, DROVYANAYA ICBM COMPLEX, USSR.

NPIC K-9642 (5/66)

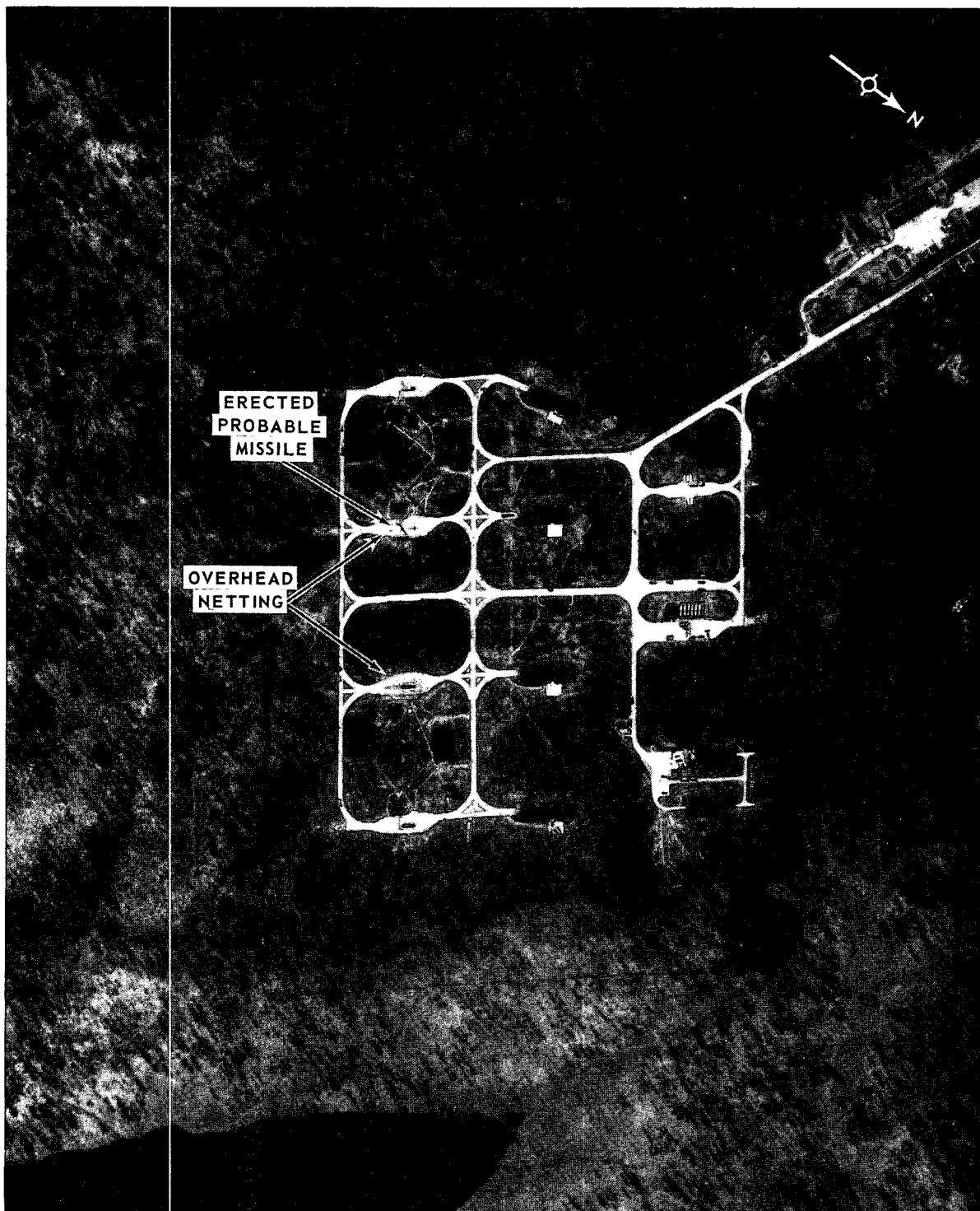
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 2



ANASTASEYEVKA MRBM LAUNCH SITE 2, USSR

NPIC K-9643 (5/66)

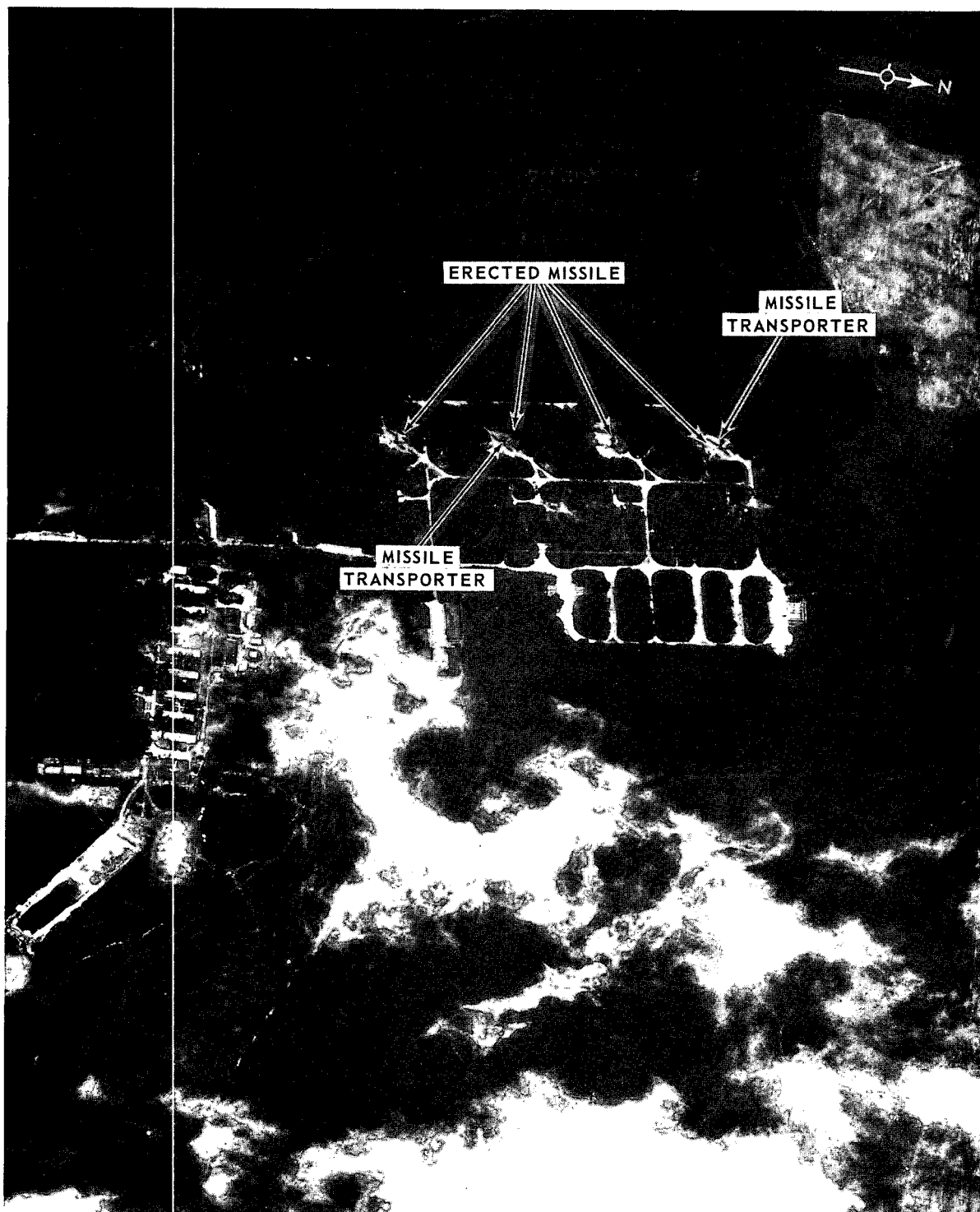
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 3



KIVERTSY MRBM LAUNCH SITE 2, USSR

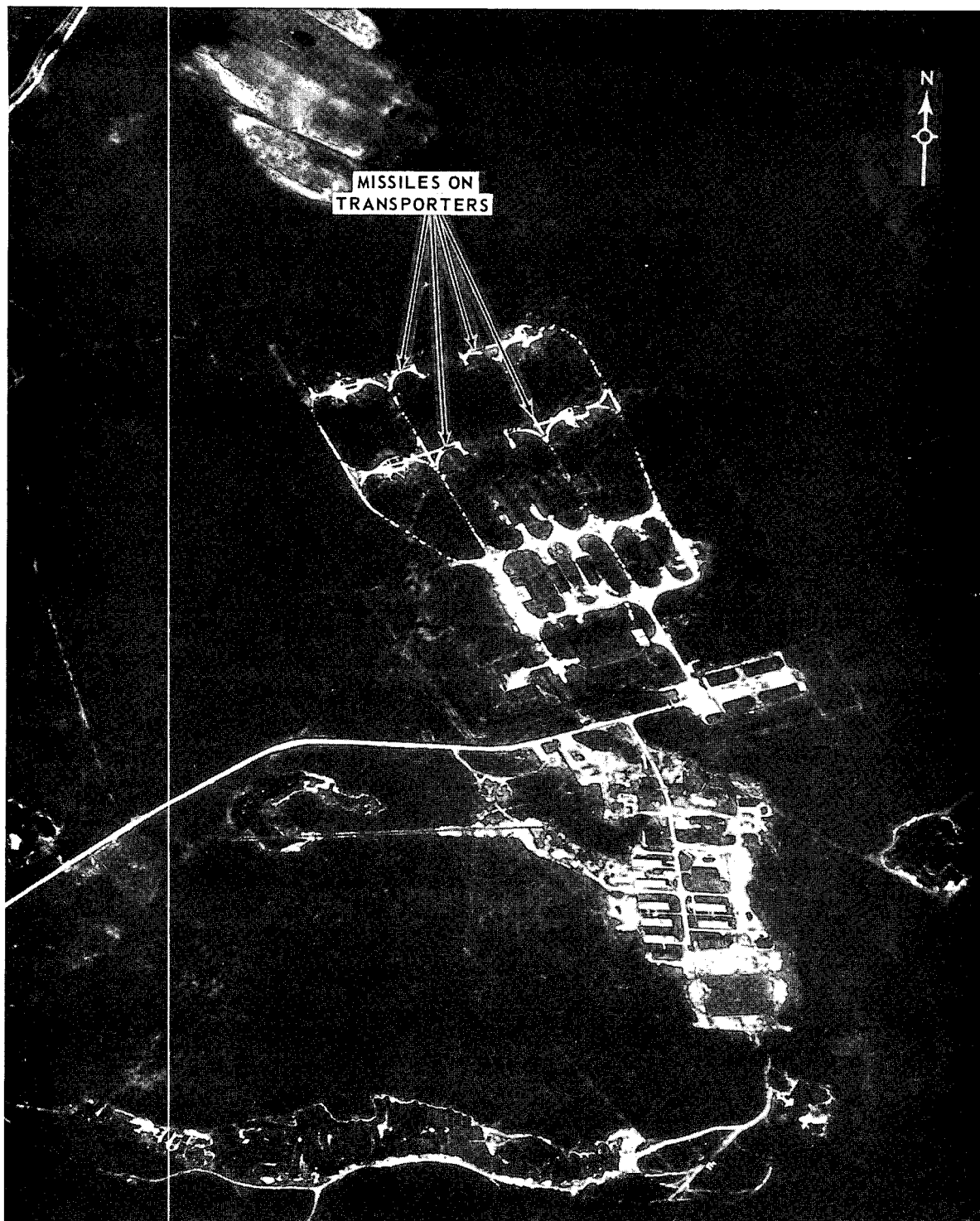
NPIC K-9661 (5/66)

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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 4



SHEVELEVO MRBM LAUNCH SITE, USSR

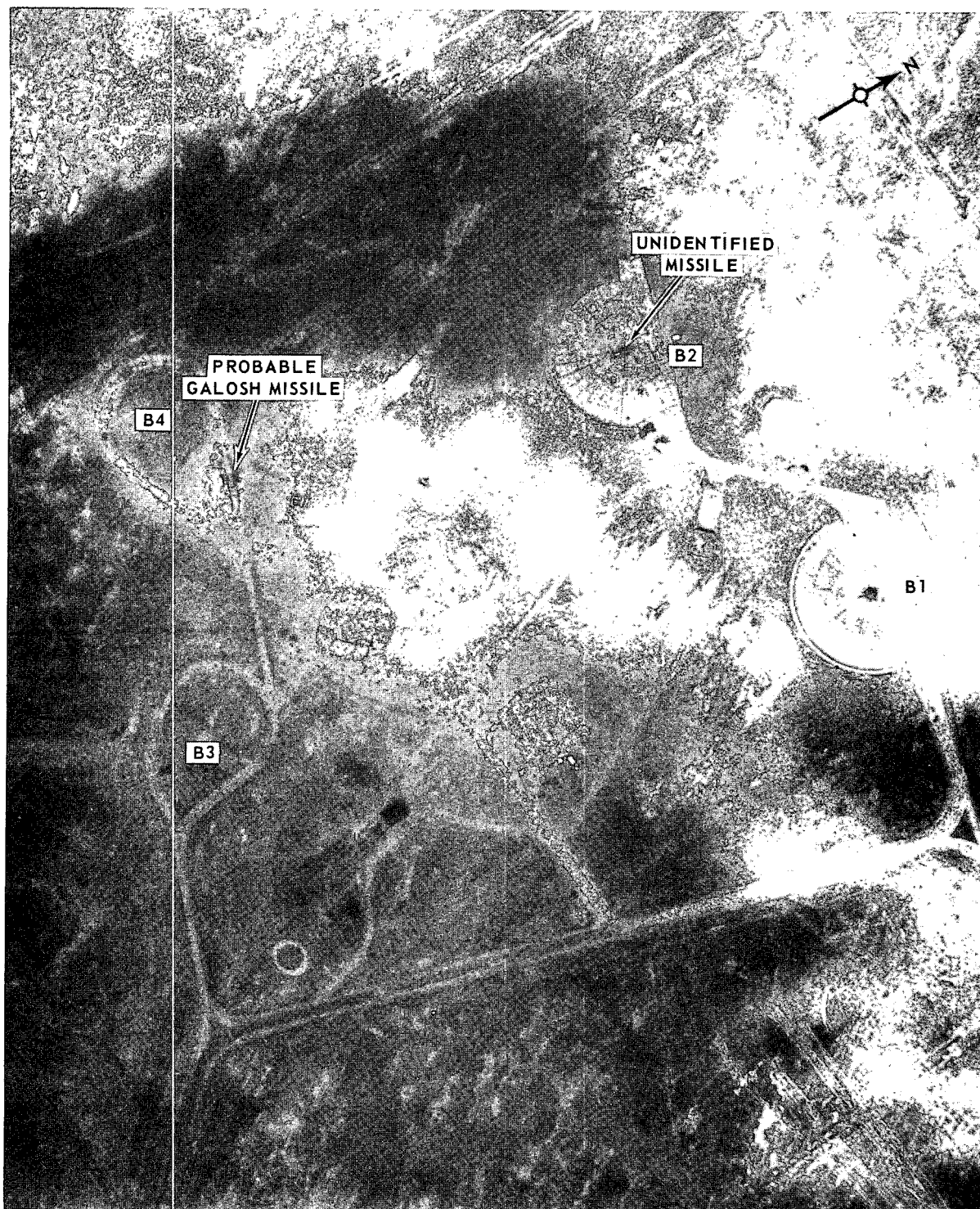
NPIC K-9660 (5/66)

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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 5



LAUNCH COMPLEX B, SARY-SHAGAN ANTIMISSILE TEST CENTER, USSR.

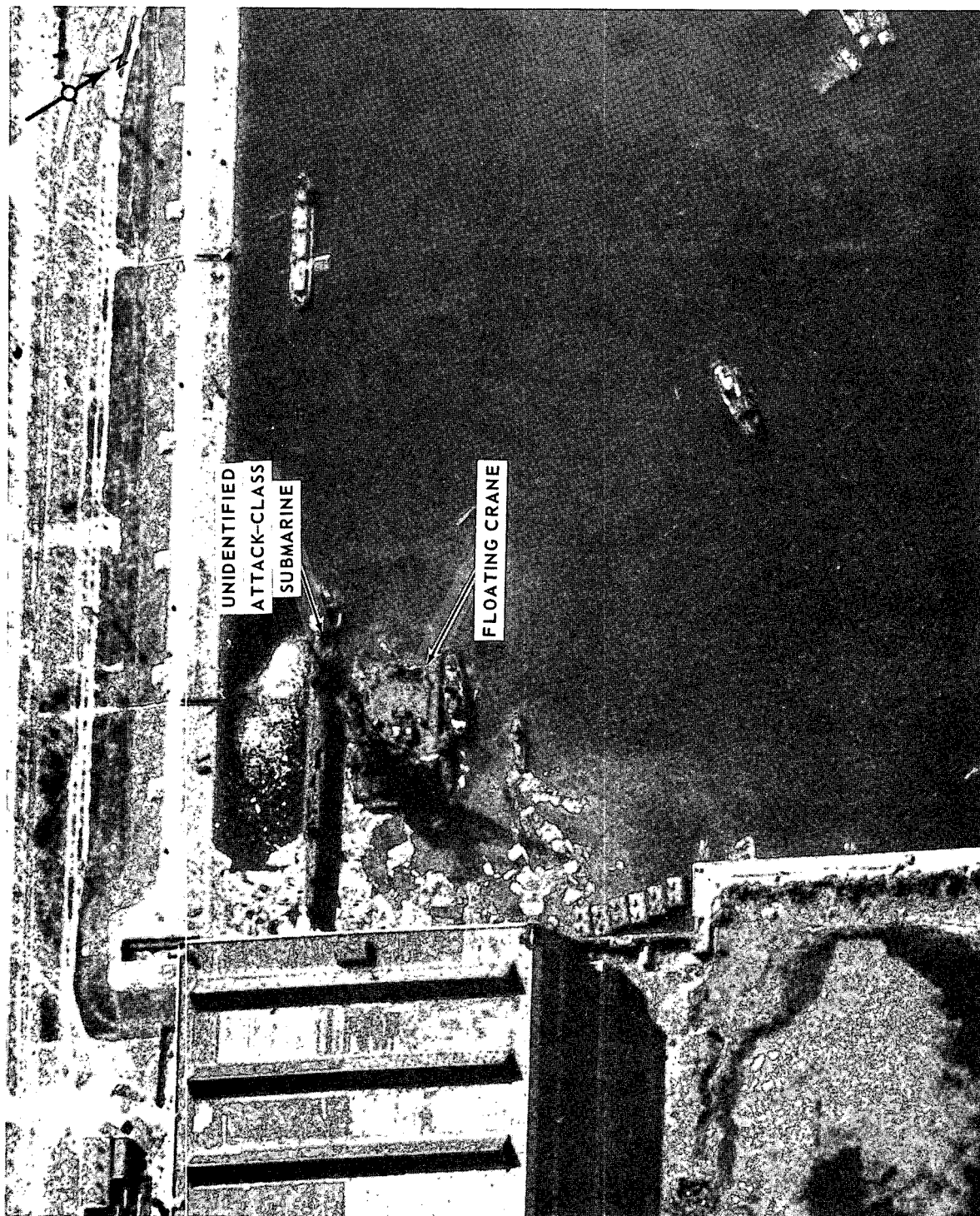
NPIC K-9644 (5/66)

TOP SECRET

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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 6



NAVAL BASE AND SHIPYARD 402, SEVERODVINSK, USSR.

NPIC K-9646 (5/66)

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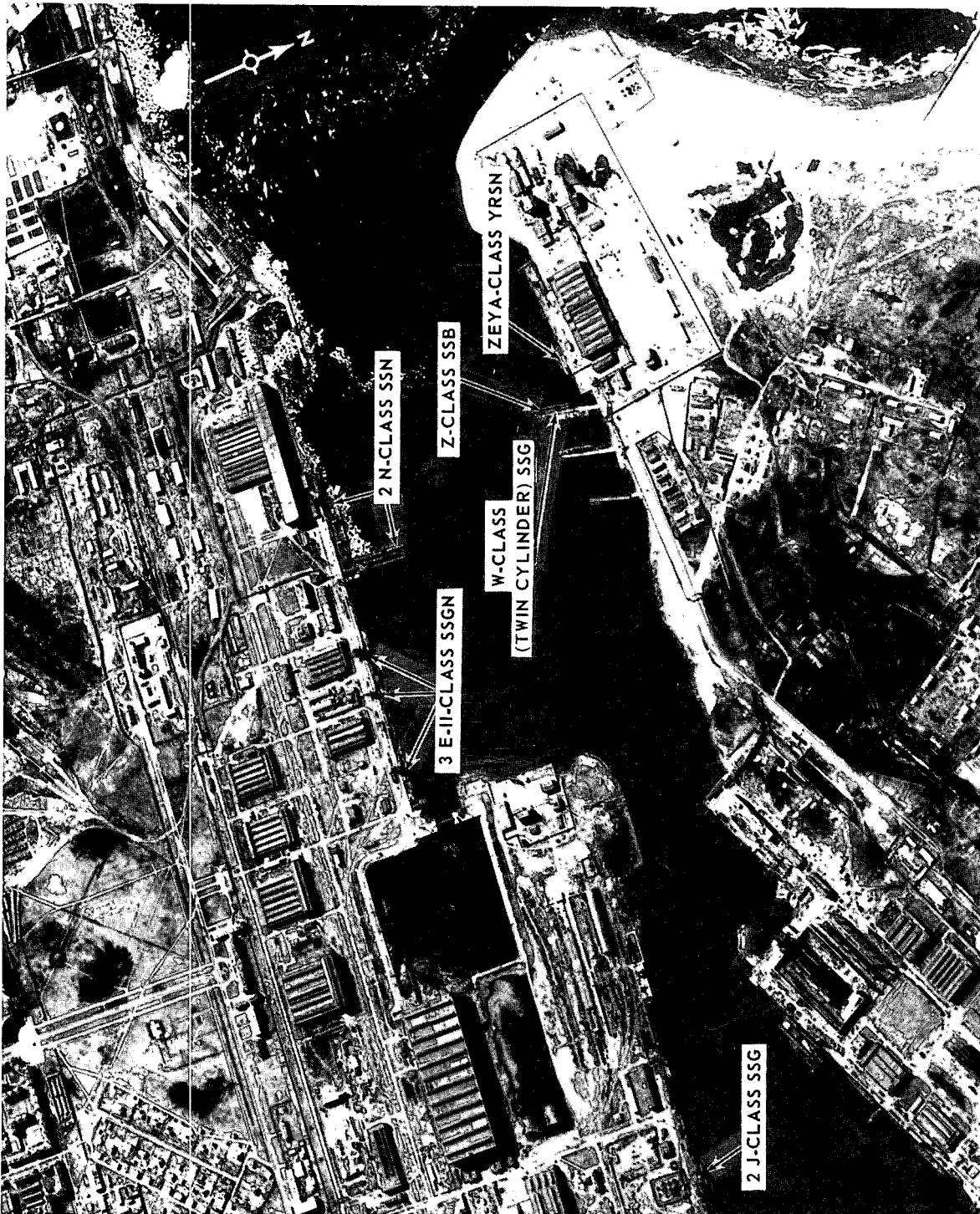
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 7

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NAVAL BASE AND SHIPYARD 402, SEVERODVINSK, USSR.

NPIC K-3645 (5/66)

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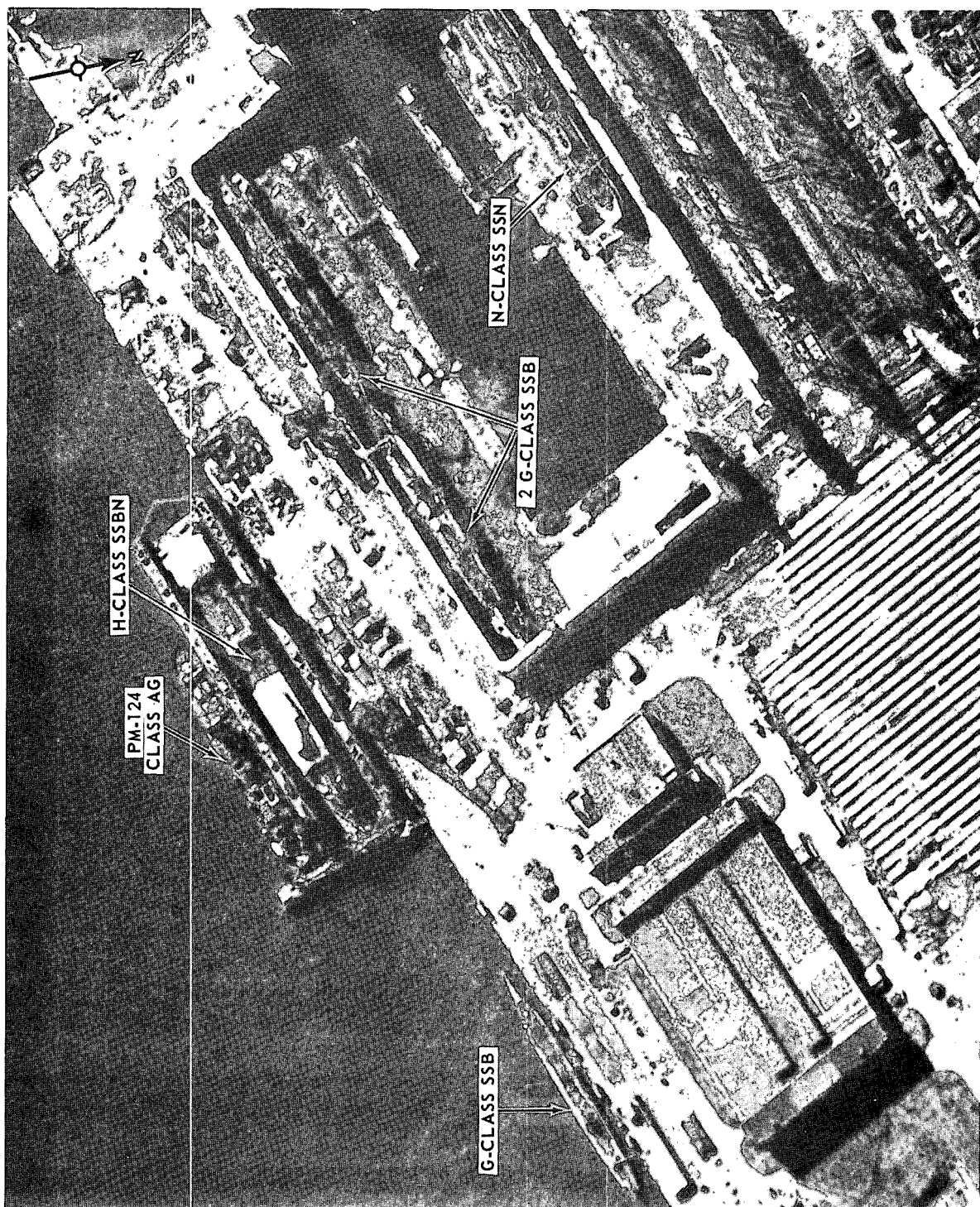
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 8

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NAVAL BASE AND SHIPYARD 402, SEVERODVINSK, USSR.

NPIC K-9647 (9/66)

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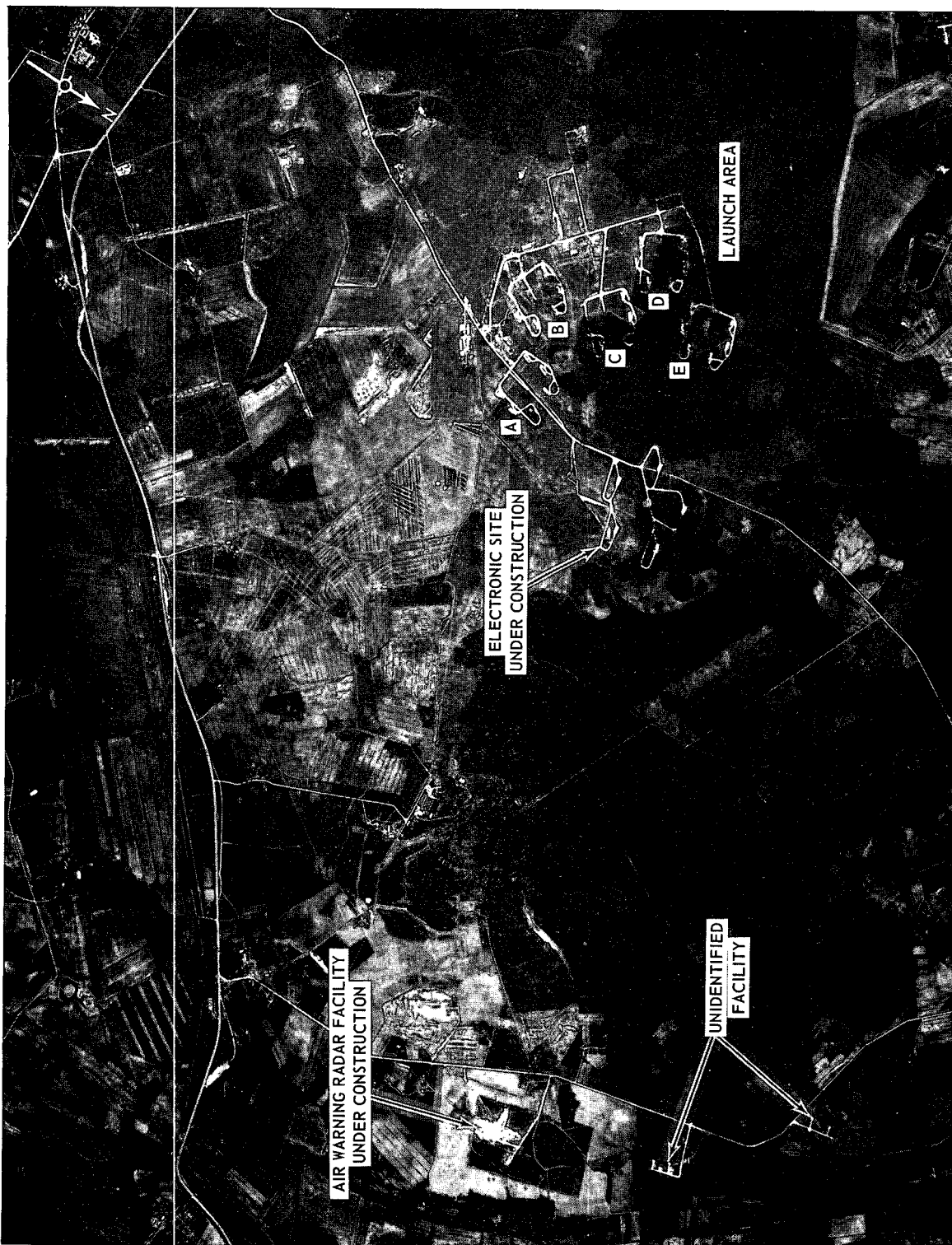
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 9



PROBABLE LONG RANGE SAM LAUNCH COMPLEX, LIEPAJA, USSR.

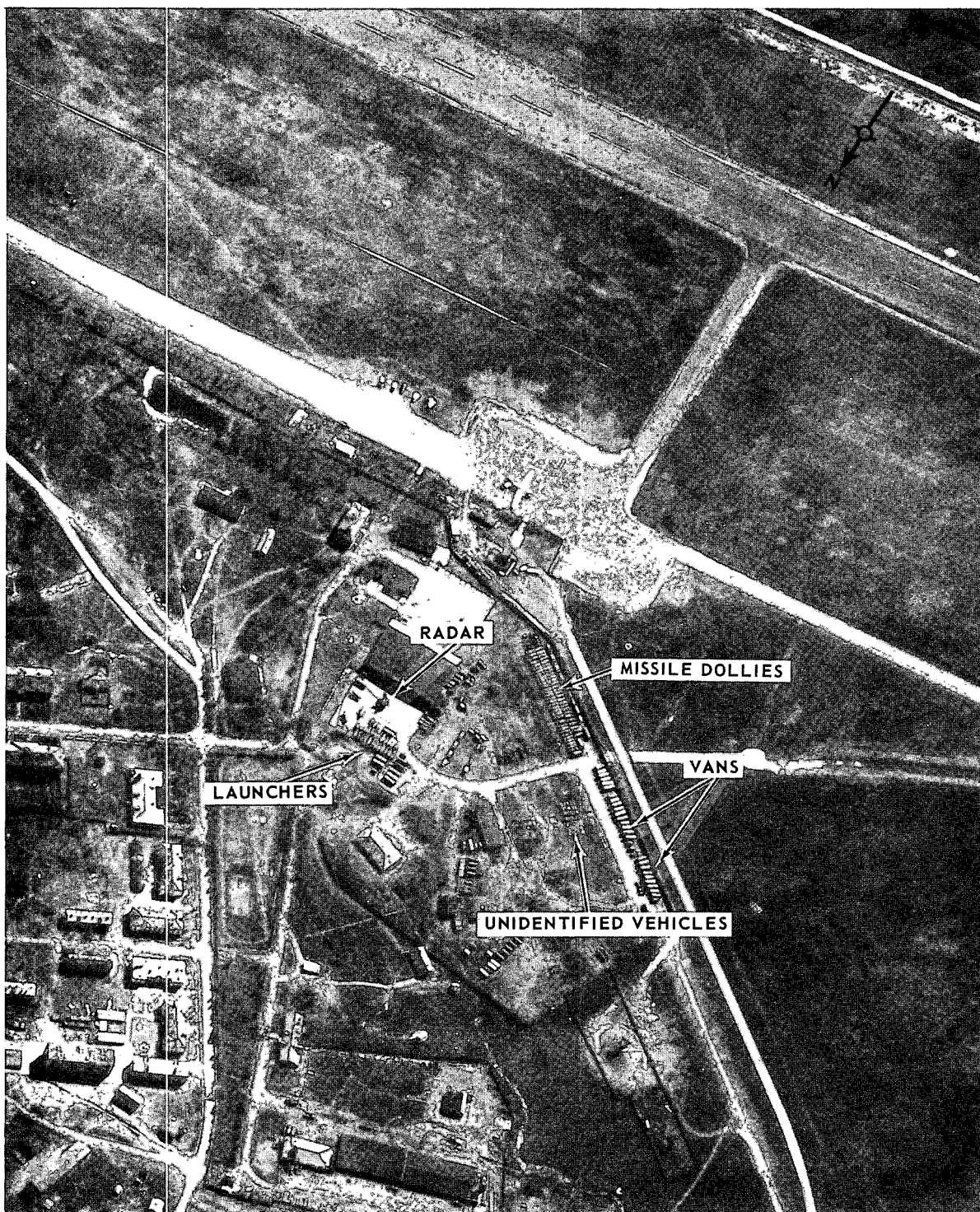
NPIC K-9648 (5/66)

TOP SECRET

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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 10



PROBABLE LONG RANGE SAM GROUND SUPPORT EQUIPMENT, LIEPAJA AIRFIELD EAST, USSR.

NPIC K-9652 (5/66)

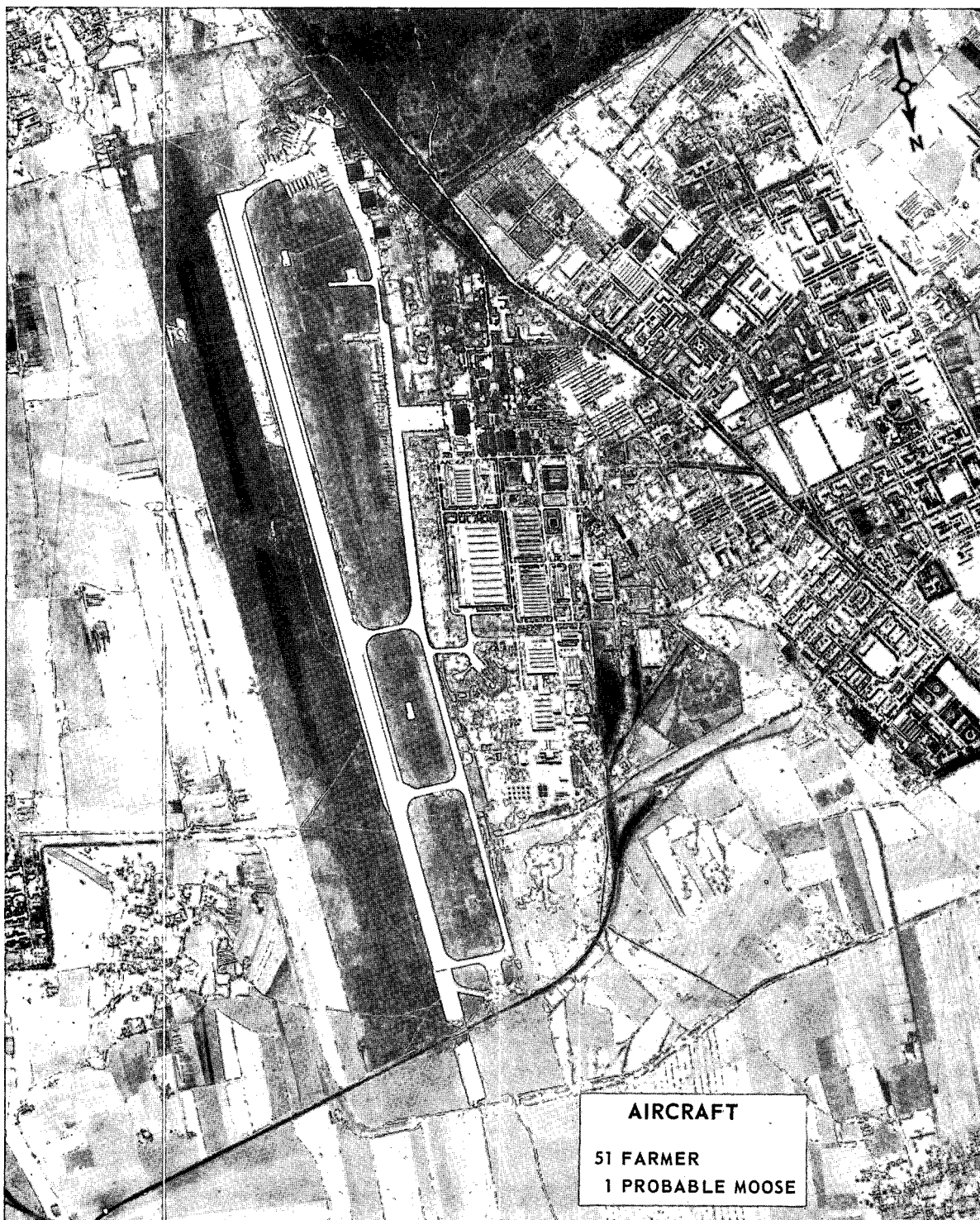
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 11

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AIRFRAME PLANT 112, AND SHEN-YANG AIRFIELD NORTH, SHEN-YANG, CHINA

NPIC K-9650 (5/66)

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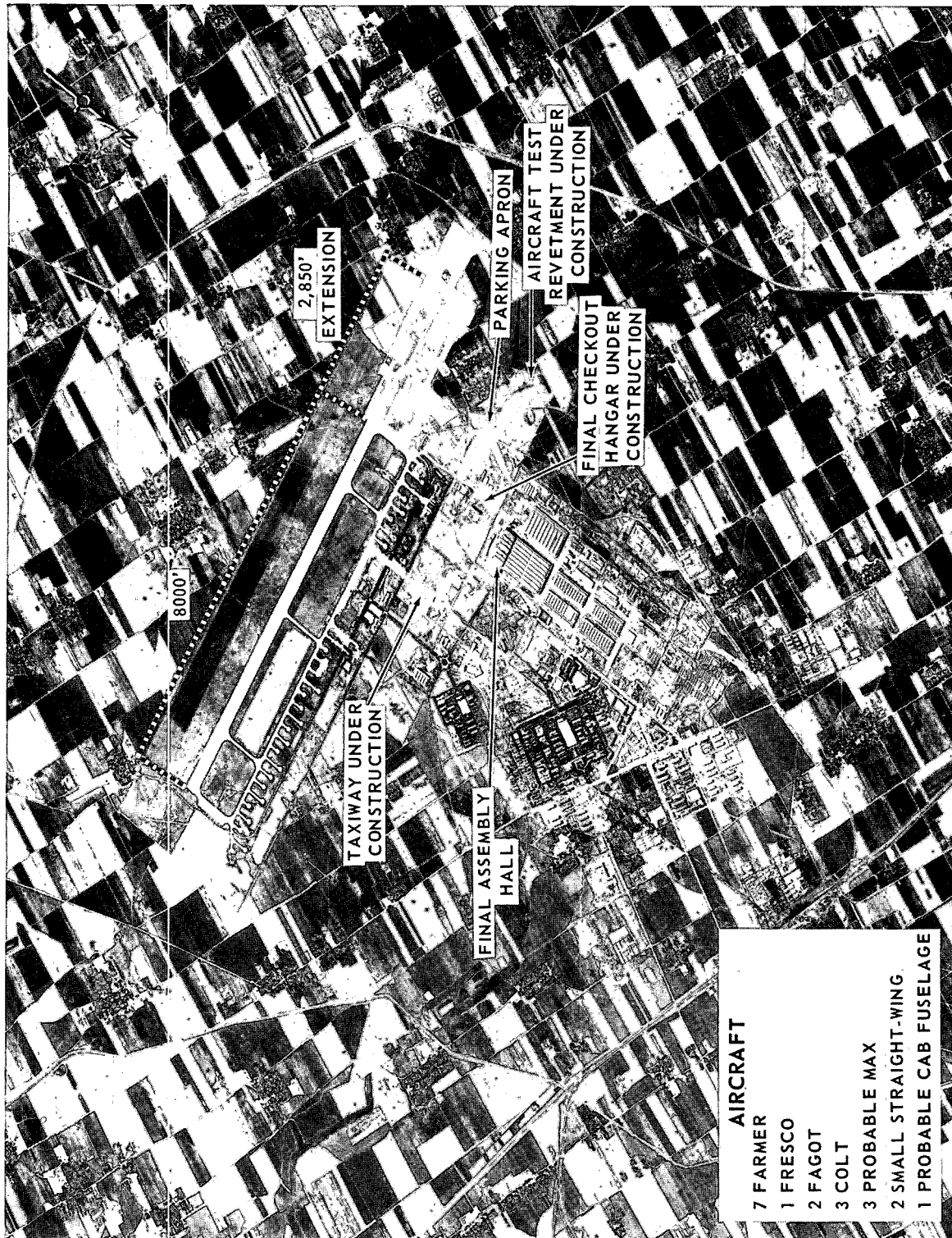
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 12

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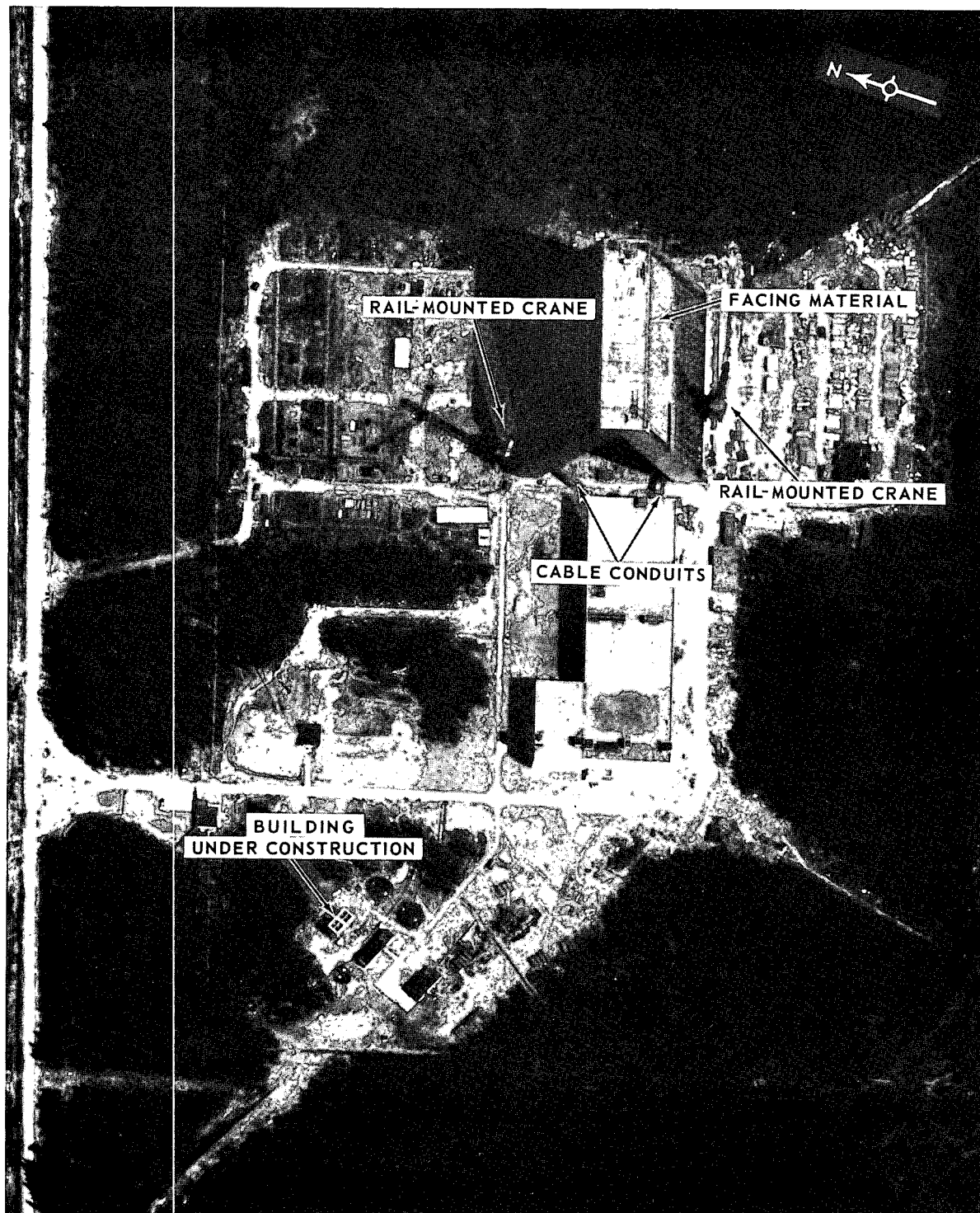
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 14



OPERATIONAL AREA A, PROBABLE ABM PHASED-ARRAY RADAR, NARO-FOMINSK, USSR.

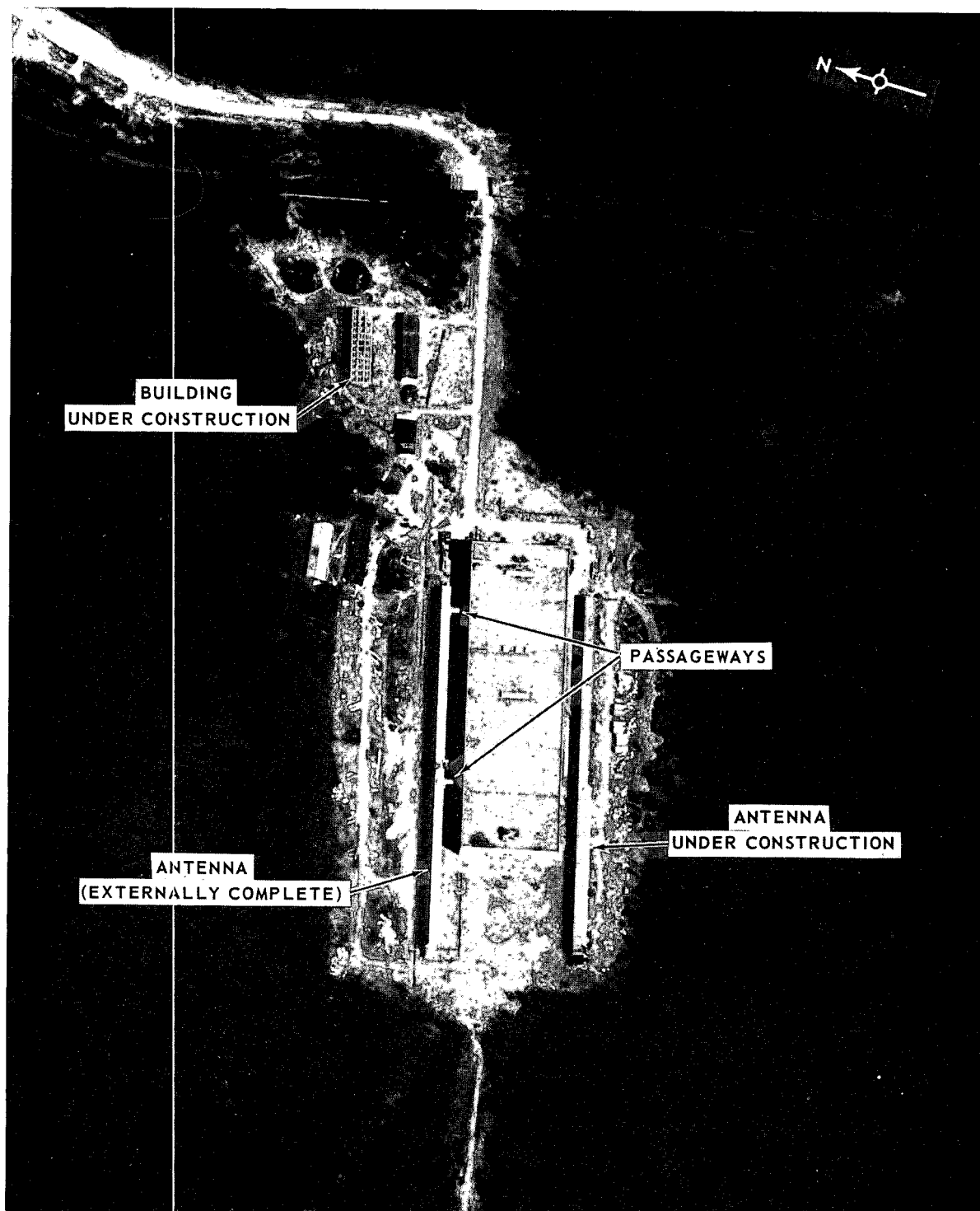
NPIC K-9655 (5/66)

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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 15



OPERATIONAL AREA B, PROBABLE ABM PHASED-ARRAY RADAR, NARO-FOMINSK, USSR.

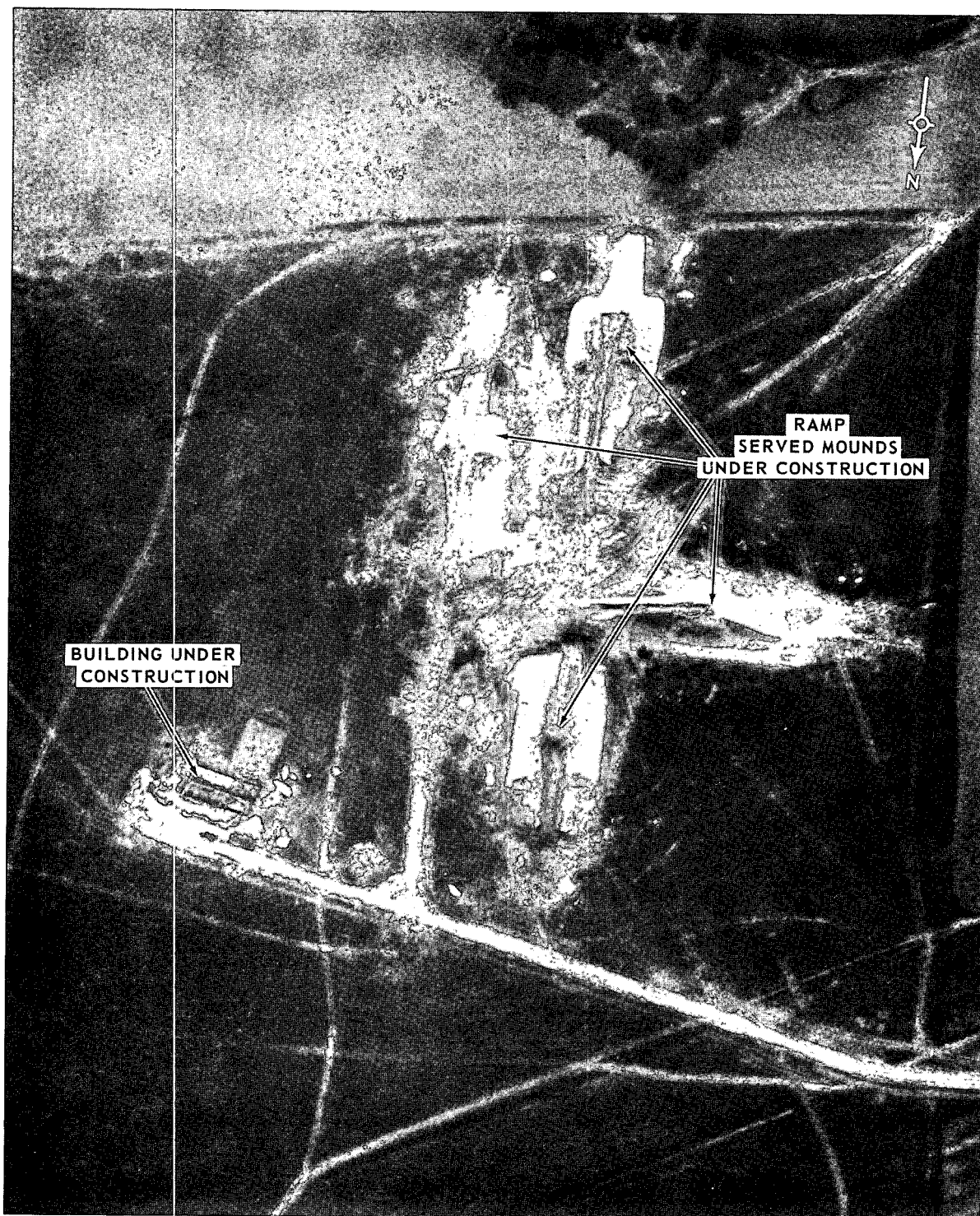
NPIC K-9654 (5/66)

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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 16



AIR WARNING RADAR FACILITY, LIEPAJA, USSR.

NPIC K-9649 (5/66)

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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 17

25X
25X



EARTHQUAKE DAMAGE, TASHKENT, USSR

NPIC K-9658 (5/66)

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25X

TOP SECRET

MISSION 4028, 14-20 MAY 1966

ATTACHMENT 18



EARTHQUAKE DAMAGE, TASHKENT, USSR

NPIC K-9659 (5/66)

TOP SECRET

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